ALAMO® INDUSTRIAL

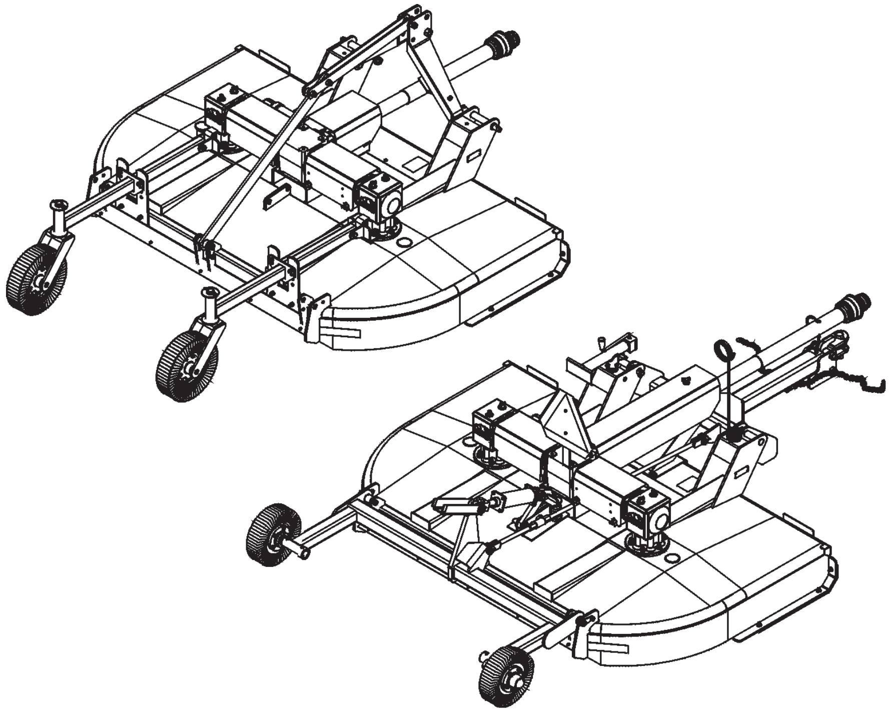
RX96

Rotary Mower

Rev 04-11

Part No. 00779481P

PART'S MANUAL



¡ATENCIÓN! LEA EL INSTRUCTIVO

Si No Lee Ingles, Pida Ayuda a Alguien Que Si Lo Lea Para Que le Traduzca las Medidas de Seguridad.

An Operator's Manual was shipped with the equipment in the Manual Canister. This Operator's Manual is an integral part of the safe operation of this machine and must be maintained with the unit at all times. READ, UNDERSTAND, and FOLLOW the Safety and Operation Instructions contained in this manual before operating the equipment. If the Operator's Manual is not with the equipment, contact your dealer or Alamo Industrial (800-356-6286) to obtain a Free copy before operating the equipment.

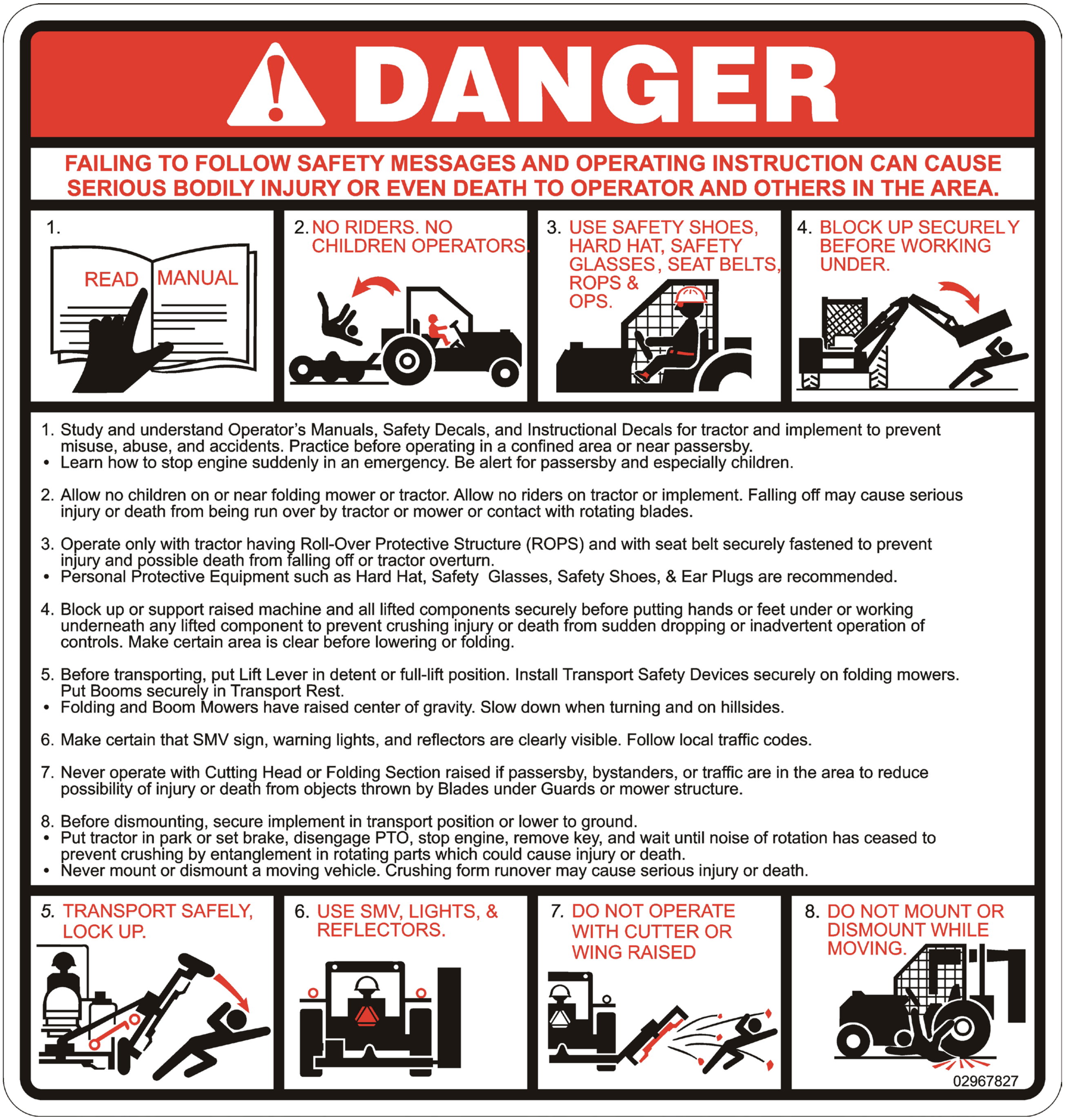
ALAMO INDUSTRIAL
1502 E. Walnut
Seguin, Texas 78155
210-372-3551

MEMBER OF THE ALAMO GROUP
ALWAYS ON THE CUTTING EDGE®

TO THE OWNER/OPERATOR/DEALER

All implements with moving parts are potentially hazardous. There is no substitute for a cautious, safe-minded operator who recognizes the potential hazards and follows reasonable safety practices. The manufacturer has designed this implement to be used with all its safety equipment properly attached to minimize the chance of accidents.

BEFORE YOU START!! Read the safety messages on the implement and shown in your manual.
Observe the rules of safety and common sense!



DANGER

FAILING TO FOLLOW SAFETY MESSAGES AND OPERATING INSTRUCTION CAN CAUSE SERIOUS BODILY INJURY OR EVEN DEATH TO OPERATOR AND OTHERS IN THE AREA.

1. READ MANUAL
2. NO RIDERS. NO CHILDREN OPERATORS.
3. USE SAFETY SHOES, HARD HAT, SAFETY GLASSES, SEAT BELTS, ROPS & OPS.
4. BLOCK UP SECURELY BEFORE WORKING UNDER.

1. Study and understand Operator's Manuals, Safety Decals, and Instructional Decals for tractor and implement to prevent misuse, abuse, and accidents. Practice before operating in a confined area or near passersby.
- Learn how to stop engine suddenly in an emergency. Be alert for passersby and especially children.

2. Allow no children on or near folding mower or tractor. Allow no riders on tractor or implement. Falling off may cause serious injury or death from being run over by tractor or mower or contact with rotating blades.

3. Operate only with tractor having Roll-Over Protective Structure (ROPS) and with seat belt securely fastened to prevent injury and possible death from falling off or tractor overturn.
- Personal Protective Equipment such as Hard Hat, Safety Glasses, Safety Shoes, & Ear Plugs are recommended.

4. Block up or support raised machine and all lifted components securely before putting hands or feet under or working underneath any lifted component to prevent crushing injury or death from sudden dropping or inadvertent operation of controls. Make certain area is clear before lowering or folding.

5. Before transporting, put Lift Lever in detent or full-lift position. Install Transport Safety Devices securely on folding mowers. Put Booms securely in Transport Rest.
- Folding and Boom Mowers have raised center of gravity. Slow down when turning and on hillsides.

6. Make certain that SMV sign, warning lights, and reflectors are clearly visible. Follow local traffic codes.

7. Never operate with Cutting Head or Folding Section raised if passersby, bystanders, or traffic are in the area to reduce possibility of injury or death from objects thrown by Blades under Guards or mower structure.

8. Before dismounting, secure implement in transport position or lower to ground.
- Put tractor in park or set brake, disengage PTO, stop engine, remove key, and wait until noise of rotation has ceased to prevent crushing by entanglement in rotating parts which could cause injury or death.
- Never mount or dismount a moving vehicle. Crushing form runover may cause serious injury or death.

5. TRANSPORT SAFELY, LOCK UP.
6. USE SMV, LIGHTS, & REFLECTORS.
7. DO NOT OPERATE WITH CUTTER OR WING RAISED
8. DO NOT MOUNT OR DISMOUNT WHILE MOVING.

02967827

WARRANTY INFORMATION:

Read and understand the complete Warranty Statement found in this Manual. Fill out the Warranty Registration Form in full and return it within 30 Days. Make certain the Serial Number of the Machine is recorded on the Warranty Card and on the Warranty Form that you retain. The use of "will-fit" parts will void your warranty and can cause catastrophic failure with possible injury or death.

BOLT TORQUE

Mounting procedures for mowers will require a significant amount of bolt nut and washer installation.

Frame and structure mounting bolts should be installed using *Red Loctite*, and torqued to the dry values listed in the torque chart based on the bolt size and hardness.

Other structures such as pump mounting bolts should be installed with *Blue Loctite* and torqued to the dry values indicated in the chart.

Bolt tightness should be completed with and checked with a suitable torque wrench.

Torque checks should be completed throughout the life of the mower in accordance with the maintenance chart provided in this manual.

Loose bolts on a frame or in a casting may be a result of:
- Vibration from the mower due to imbalance of the mower blades
- Pulled threads due to over tightening
- Distortion of the hole due to under tightening during installation

Bolts broken or sheared in the mounting structure or tractor may be the result of:
- Improper alignment of the Mounting Plate or Structure such that it is not sitting flat on the mating surface
- Distortion of the bolt due to over-tightening
- Under tightening of the bolts

Check the bolt torque during installation and prior to delivery with a suitable torque wrench.

Proper Torque Values for Standard Bolts

Bolt Diameter	Head Marking Three Lines Grade Five	Head Marking Six Lines Grade Eight
	Pound - Foot Value Dry	Pound - Foot Value Dry
1/4”	7	10
5/16”	15	22
3/8”	26	39
7/16”	42	60
1/2”	64	88
9/16”	100	134
5/8”	128	180
3/4”	227	320
7/8”	365	515
1”	547	772

To get Newton-Meters multiply pound-foot of torque by 1.356

Proper Torque Values for Metric Bolts

Bolt Diameter	4.6 Head Marking 4.6	8.8 Head Marking 8.8 or 9.8	10.9 Head Marking 10.9	12.9 Head Marking 12.9
	Pound - Foot Value Dry	Pound - Foot Value Dry	Pound - Foot Value Dry	Pound - Foot Value Dry
6mm	3	7	9	10
8mm	6.2	16	23	24
10mm	12	32	45	47
12mm	21	55	79	81
14mm	34	88	126	130
16mm	53	137	196	202
18mm	73	189	270	279
20mm	104	267	382	394
22mm	141	364	520	537
24mm	179	461	660	680
27mm	262	676	968	998
30mm	355	917	1312	1353

PARTS
SECTION

PARTS ORDERING GUIDE

The following instructions are offered to help eliminate needless delay and error in processing purchase orders for the equipment in this section.

1. The Parts Section is prepared in logical sequence and grouping of parts that belong to the basic machine featured in this manual. Part Numbers and Descriptions are given to help locate the parts and quantities required.

2. The Purchase Order must include the name and address of the person or organization ordering the parts, who should be charged, and if possible, the serial number of the machine for which the parts are ordered.

3. The Purchase Order must clearly list the quantity of each part, the complete and correct part number (be sure to include all periods), and the basic name of the part.

4. The Manufacturer reserves the right to substitute parts where applicable.

5. Some parts are unlisted items which are special production items not normally stocked and are subject to special handling. Request a quotation for such parts before sending a Purchase Order.

6. The Manufacturer reserves the right to change prices without prior notice.

Note: *Please refer to The Safety Section in the front of this Manual for the proper part number when ordering replacement safety decals.*

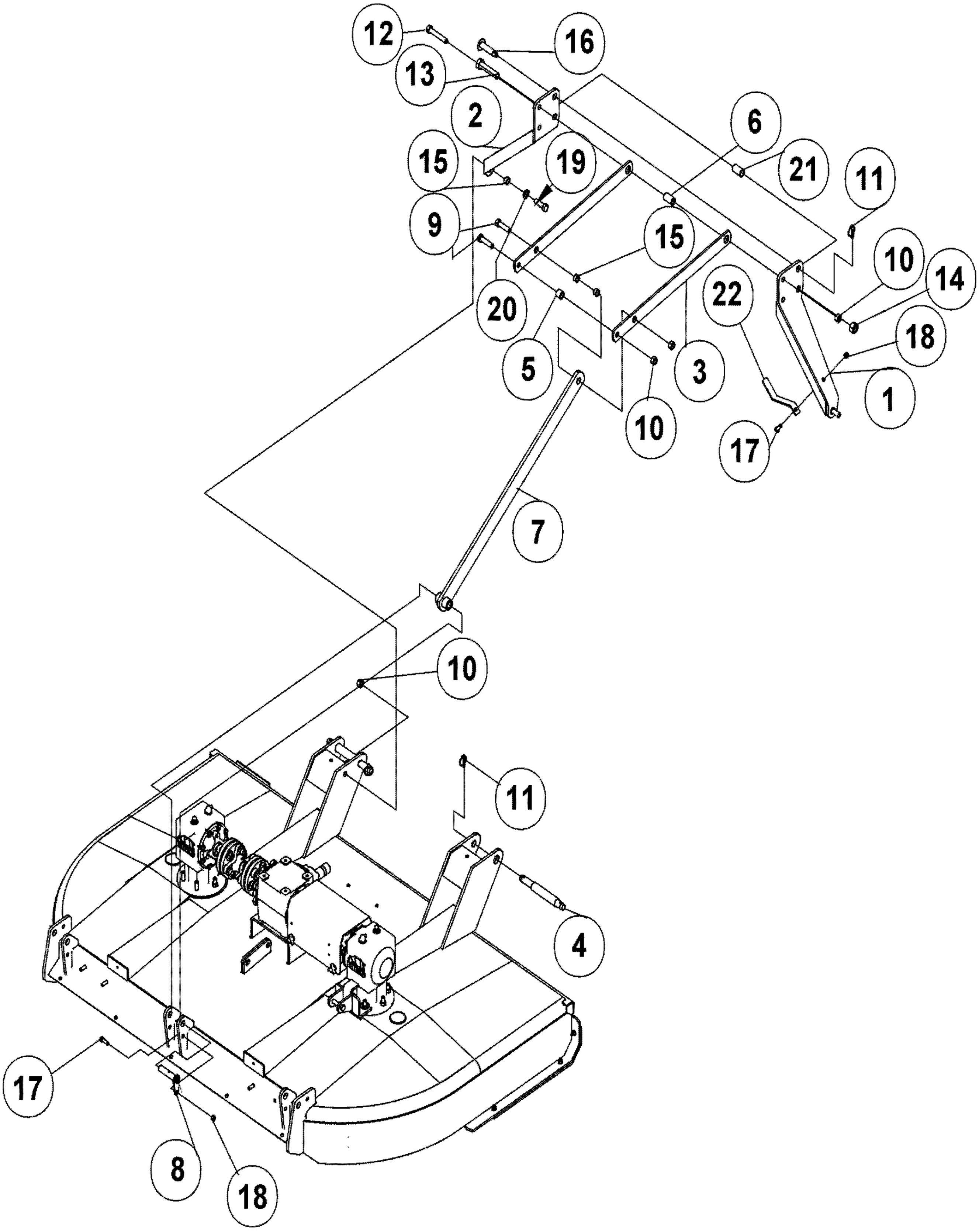
For maximum safety and to guarantee optimum product reliability, always use genuine Alamo Industrial Parts. The use of inferior replacement parts may cause premature or catastrophic failure which could result in serious injury or death. Direct any questions regarding parts to:

ALAMO INDUSTRIAL
1502 E. Walnut
Seguin, Texas 78155
830-379-1480

PART NAME INDEX

A-FRAME ASSEMBLY.... 4
AXLE ASSEMBLY.... 6
AXLE ASSEMBLY - HYDRAULIC OFFSET & SEMI MOUNT.... 7
BLADE PAN ASSEMBLY.... 8
CASTER WHEEL & FORK ASSEMBLY.... 10
CHAINGAURD ASSEMBLY - DOUBLE CG FRONT.... 12
CHAINGAURD ASSEMBLY - FRONT.... 13
CHAINGUARD ASSEMBLY - REAR.... 14
CLUTCH ASSEMBLY - 35R.... 15
CONTROL ROD ASSEMBLY.... 16
COUPLER SIDE DRIVE ASSEMBLY P/N 00779078.... 17
DEFLECTOR ASSEMBLY - FRONT.... 18
DEFLECTOR ASSEMBLY - REAR.... 19
DRIVELINE ASSEMBLY - CV.... 20
DRIVELINE ASSEMBLY - JACKSHAFT.... 22
DRIVELINE ASSEMBLY - LIFT TYPE.... 24
DRIVELINE ASSEMBLY - PULL TYPE 1000 RPM.... 26
DRIVELINE ASSEMBLY - PULL TYPE 540 RPM.... 28
GEARBOX ASSEMBLY.... 30
GEARBOX ASSEMBLY - DIVIDER 1000 RPM.... 32
GEARBOX ASSEMBLY - DIVIDER 540 RPM.... 34
HITCH ASSEMBLY - HYDRAULIC OFFSET.... 36
HYDRUALIC CYLINDER.... 38
SHIELD ASSEMBLY.... 39
SKID SHOE ASSEMBLY.... 40
SMV SIGN ASSEMBLY.... 41
SPRING POD ASSEMBLY - OPTIONAL.... 42
TAILWHEEL ASSEMBLY.... 44
TONGUE ASSEMBLY.... 46
WHEEL HUB ASSEMBLY.... 48

A-FRAME ASSEMBLY


12
16
13
2
6
15
19
21
11
9
15
10
14
22
20
18
5
3
1
10
17
7
10
11
4
17
8
18

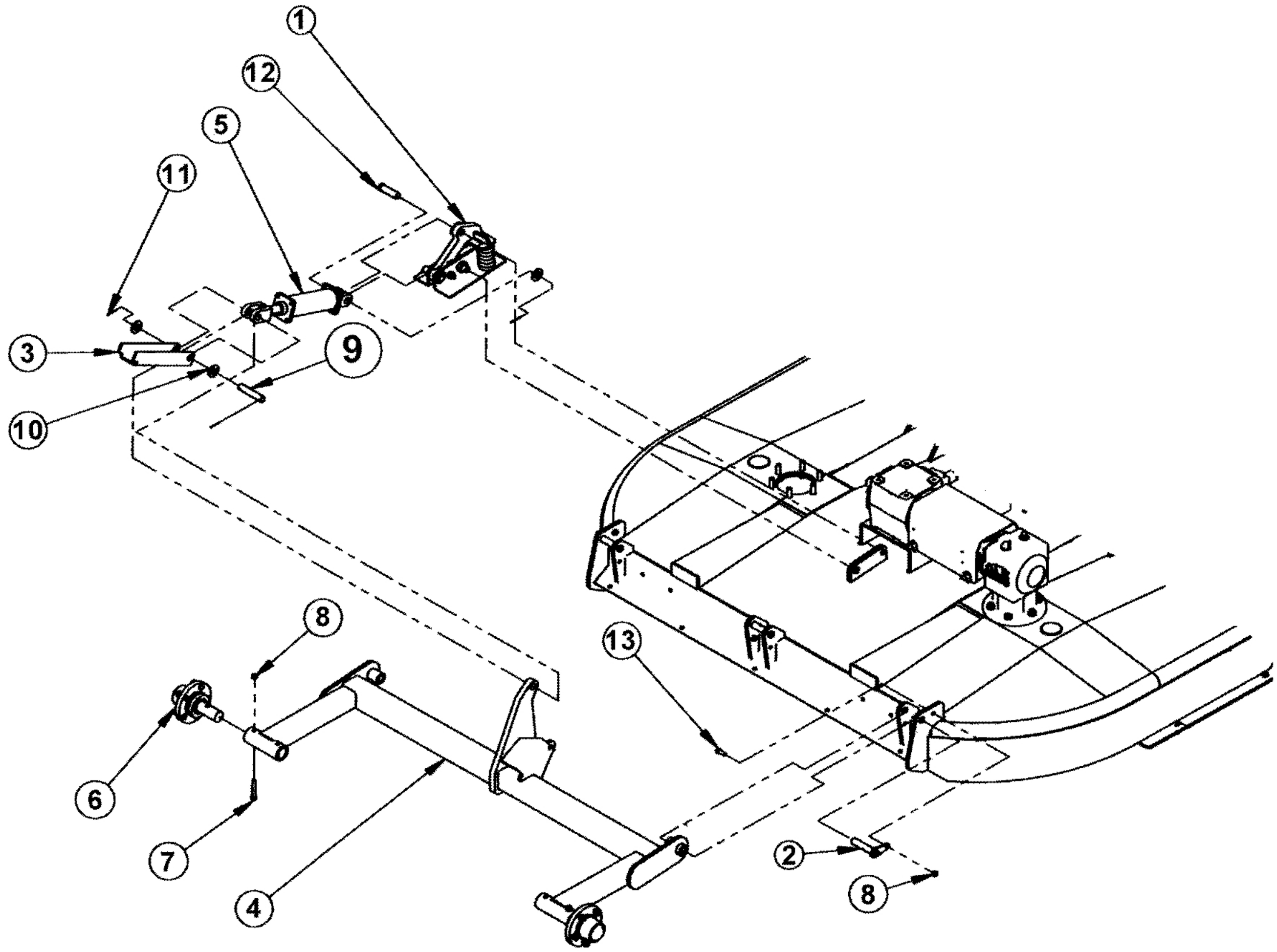
RX96 (09-07) Rev 04-11

A-FRAME ASSEMBLY

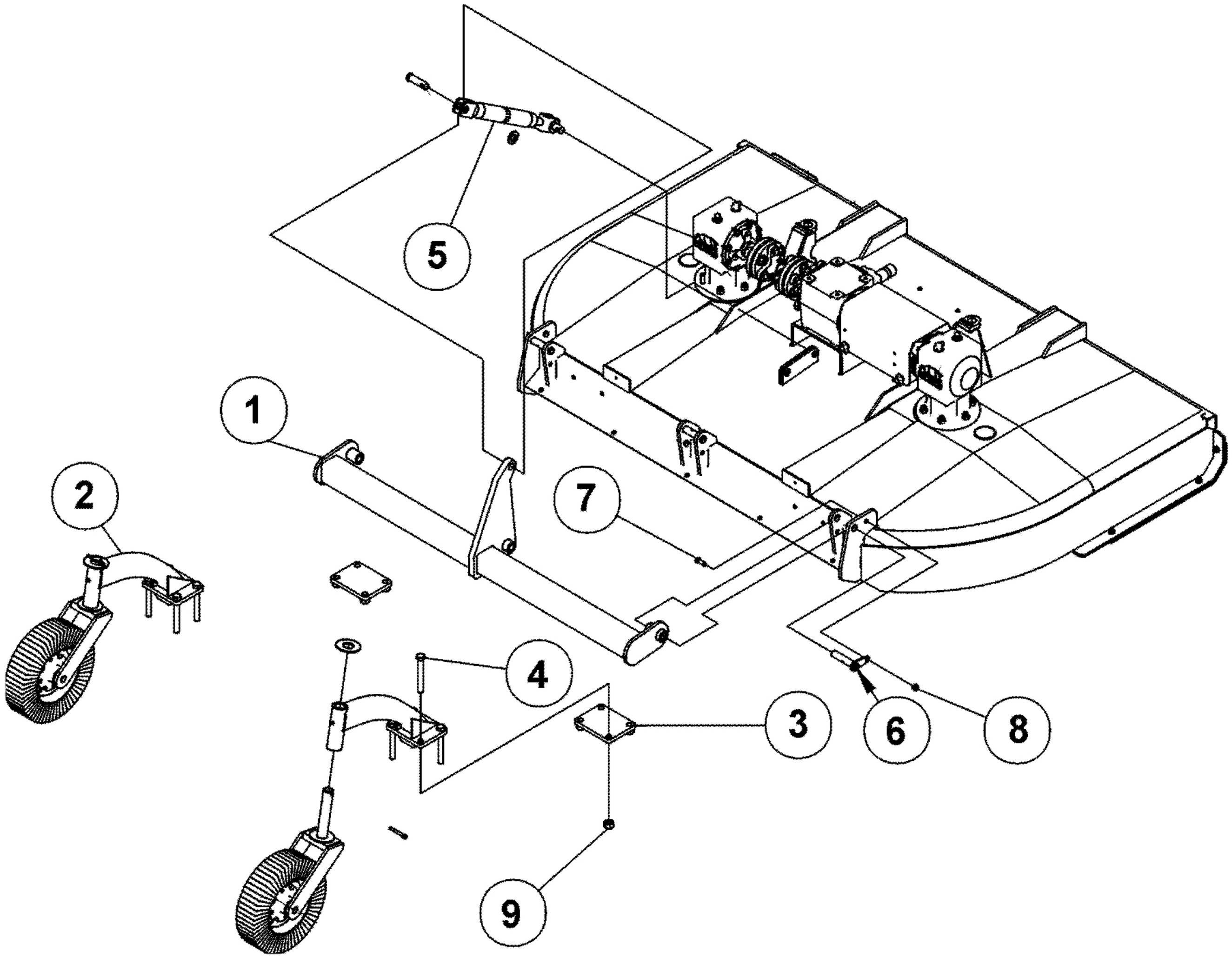
Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	0758550010	1	WLDMT, A FRAME LEG - RIGHT
2	0758550020	1	WLDMT, A FRAME LEG - LEFT
3	00778575	2	REAR BRACE
4	69141	2	PIN, HITCH CAT II & III
5	00761267	1	SPACER
6	0758550030	1	SPACER
7	00778577	1	REAR BRACE WELDMENT
8	00778185	1	WDMT,AXLE PIVOT PIN
9	00007800	2	HEXB 3/4 NC 3 PL5
10	00037200	5	NUT 3/4-NC TOPLOCK GRC PL
11	2196	3	CLIP (LYNCH PIN), 13/32 DIA.
12	00009500	1	BOLT-HEX 3/4 NC 4-1/2 PL5
13	7AH5161436	1	HHCS 1-14 4-1/2 PL
14	5JRC16140	1	LOCKNUT 1 -14 TLDT GC ZP
15	0758550070	4	BSHG
16	3730110M	1	PIN-TOP LINK
17	00748823	10	HHCS 1/2-13UNC 1-1/2 PL5
18	00001800	10	LOCKNUT TLM 1/2 NC PLB
19	00037100	2	HEXB 3/4 NC 2-1/2 PL5
20	5312316	2	WASHER, 3/4" HARDENED
21	0758550031	1	ORDER 165 MIN HT BUSHING
22	00778651	1	BRACKET, DRIVELINE HOLDER

AXLE ASSEMBLY

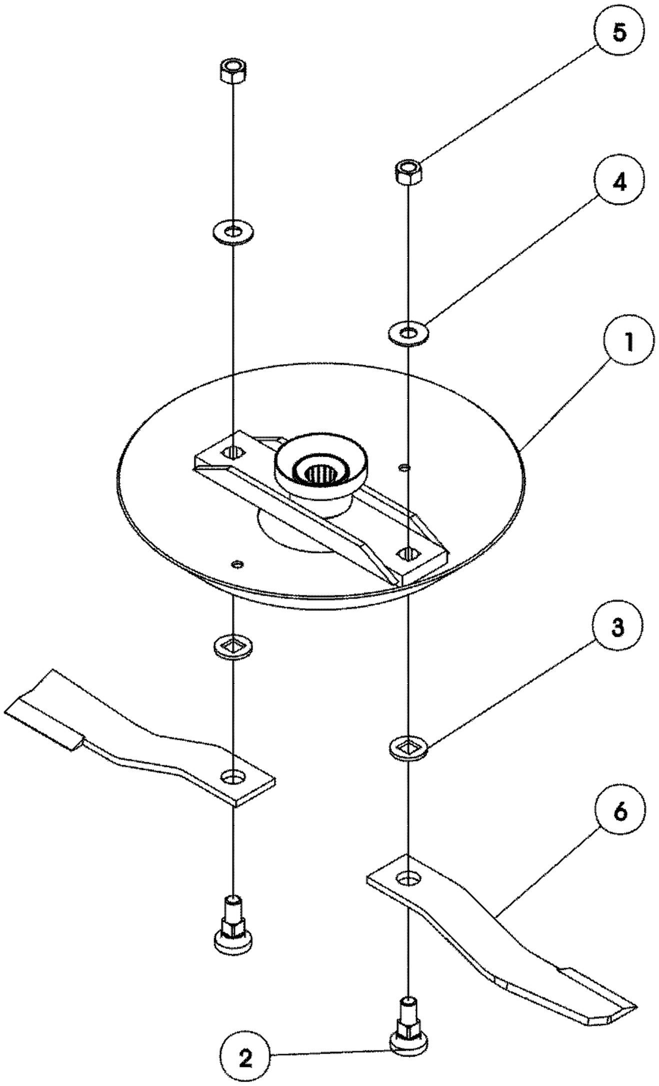


ITEM	PART NO.	QTY.	DESCRIPTION
1	00778158	1	SPRING POD ASSEMBLY
2	00778185	3	WDMT,AXLE PIVOT PIN
3	00777963	1	PLATE, TRANSPORT LOCK
4	00778580	1	AXLE WELDMENT TR96
5	8727A	1	CYLINDER HYD 2-1/2 8
6	00775616A	2	HUB & SPINDLE ASSY
7	00764375	2	HHCS 1/2NC X 3-1/4 PL5
8	00001800	9	LOCKNUT TLM 1/2 NC PLB
9	103266	1	CYLINDER PIN
10	02822500	3	FLATWASHER 1 PL STD
11	00606000	3	PIN,COTTER 3/16X2
12	8354	1	PIN, HYD. CYLINDER
13	02030700	11	HHCS 1/2-13UNC 1-1/4 PL5



ITEM	PART NO.	QTY.	DESCRIPTION
1	00778906	1	AXLE WELDMENT TURBO96 HYD O/S
2	00778518	2	WELDMENT CASTER ARM
3	00778062	2	AXLE ARM PLATE
4	02959587	8	HEXB, 3/4-10 NC X 6" PL8
5	00554600	1	ASY,RATCHET JACK
6	00778185	3	WDMT,AXLE PIVOT PIN
7	02030700	4	HHCS 1/2-13UNC 1-1/4 PL5
8	00001800	3	LOCKNUT TLM 1/2 NC PLB
9	47264-8	8	LOCK NUT,YDP 3/4-10 GR C

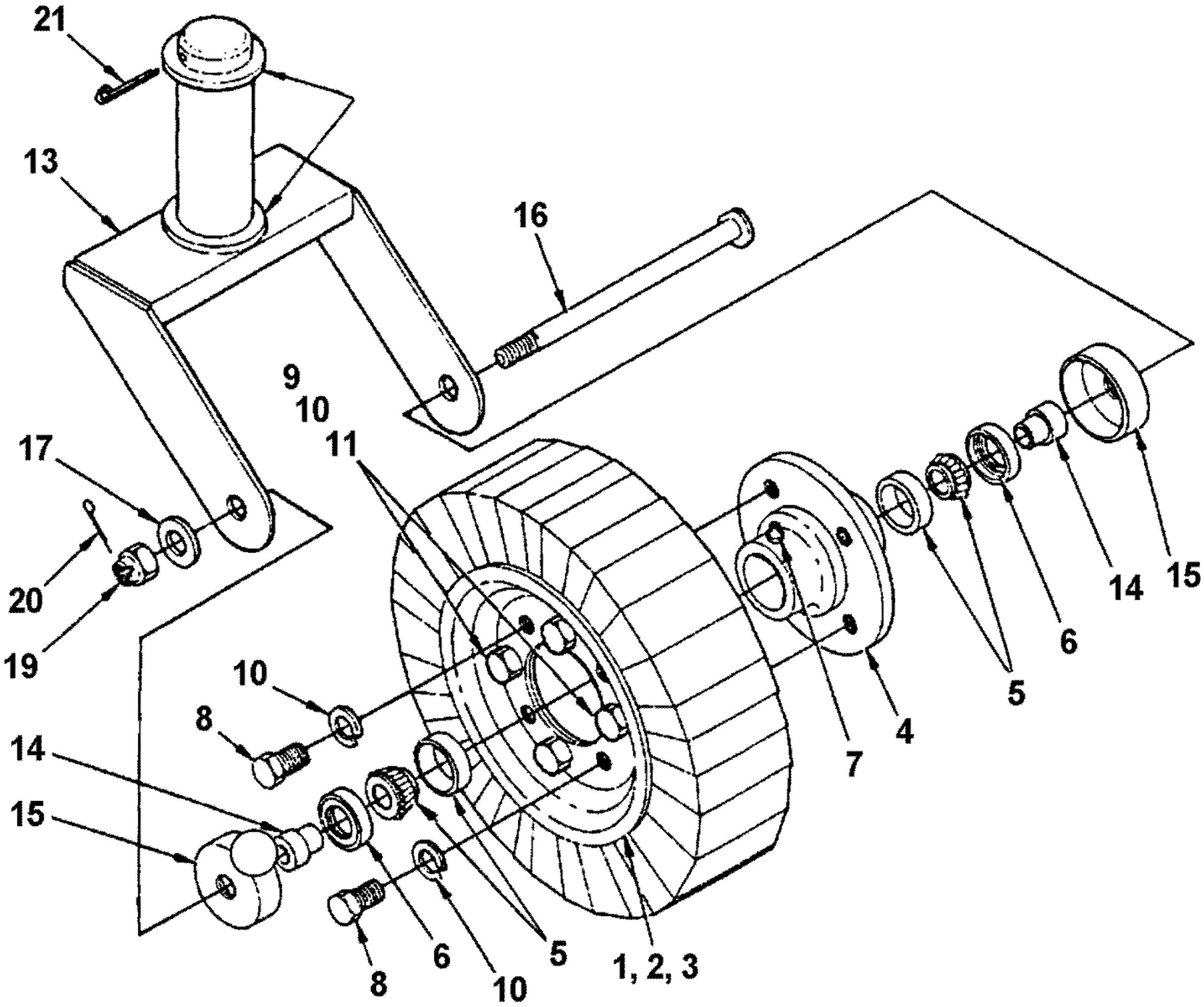
BLADE PAN ASSEMBLY



ITEM	PART NO.	QTY.	DESCRIPTION
1	00778582	1	DISHPAN WELDMENT TR96
2	8251	2	BLADE BOLT SPECIAL
3	00778047	2	WASHER-SQUARE ID
4	9216	2	WASHER, STRUCTURAL 1
5	5JRC16140	2	LOCKNUT 1 -14 TLDT GC ZP
6	00753842	2	SUCTION BLADE CCW
	00753841	2	SUCTION BLADE CW

THIS PAGE INTENTIONAL LEFT BLANK

CASTER WHEEL & FORK ASSEMBLY



ITEM	PART NO.	QTY.	DESCRIPTION
	00776220	1	CASTER FORK & WHEEL ASSEMBLY
1	373024H	1	TIRE & WHEEL
2	373024A	1	TIRE
3	373024B	1	5" CASTER FORK WELDMENT
4	00776214	1	HUB
5	00776213	2	BEARING CONE & CUP
6	00776219	2	OIL SEAL
7	00772082	1	GREASE FITTING (THREADED)
8	00776216	4	BOLT
9	7A6166	4	BOLT
10	00776215	4	FLATWASHER
11	00012101	4	LOCKWASHER
12	00013901	4	NUT
13	0585020210A	1	CASTER FORK WELDMENT

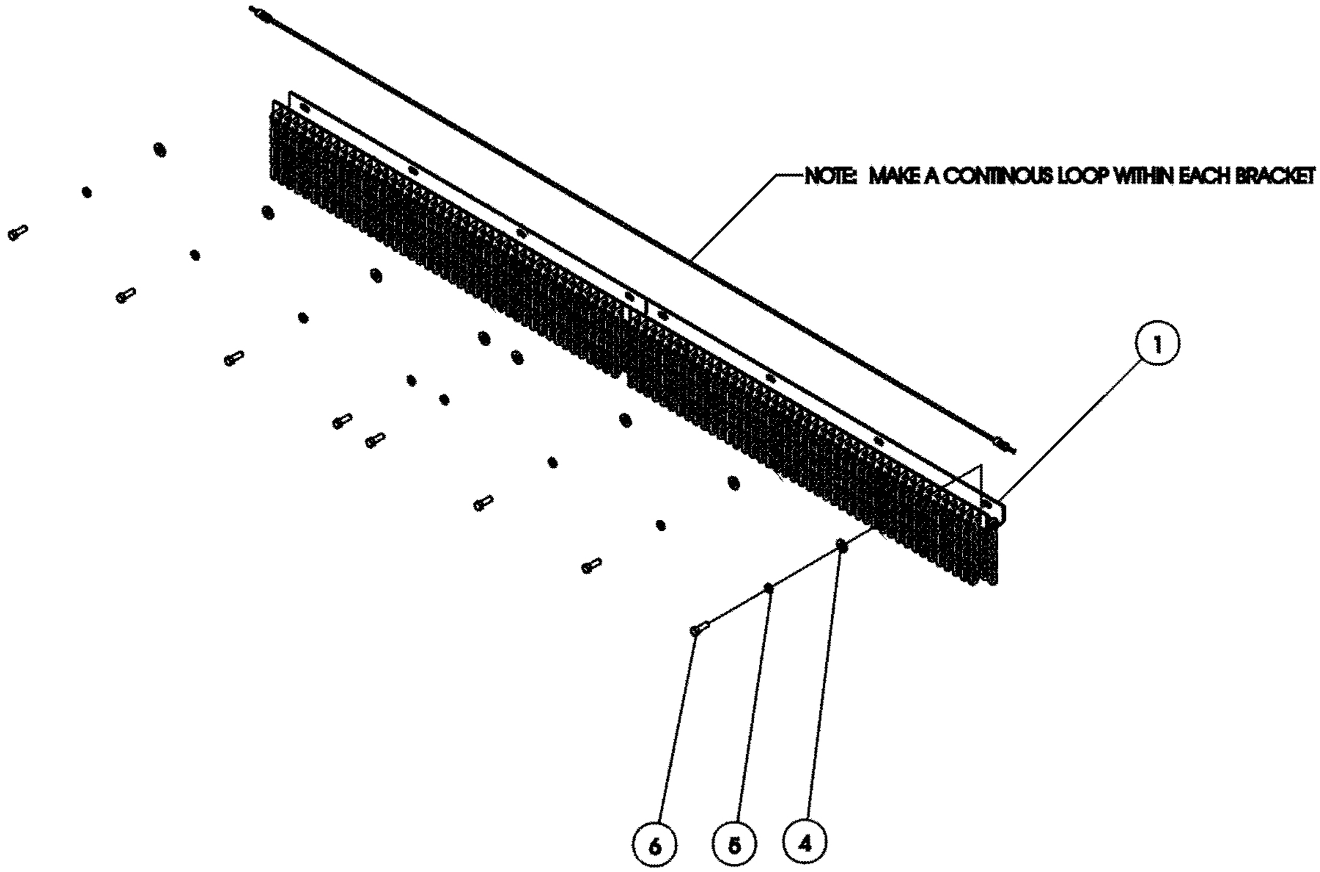
RX96 (09-07) Rev 04-11

CASTER WHEEL & FORK ASSEMBLY

Continued...

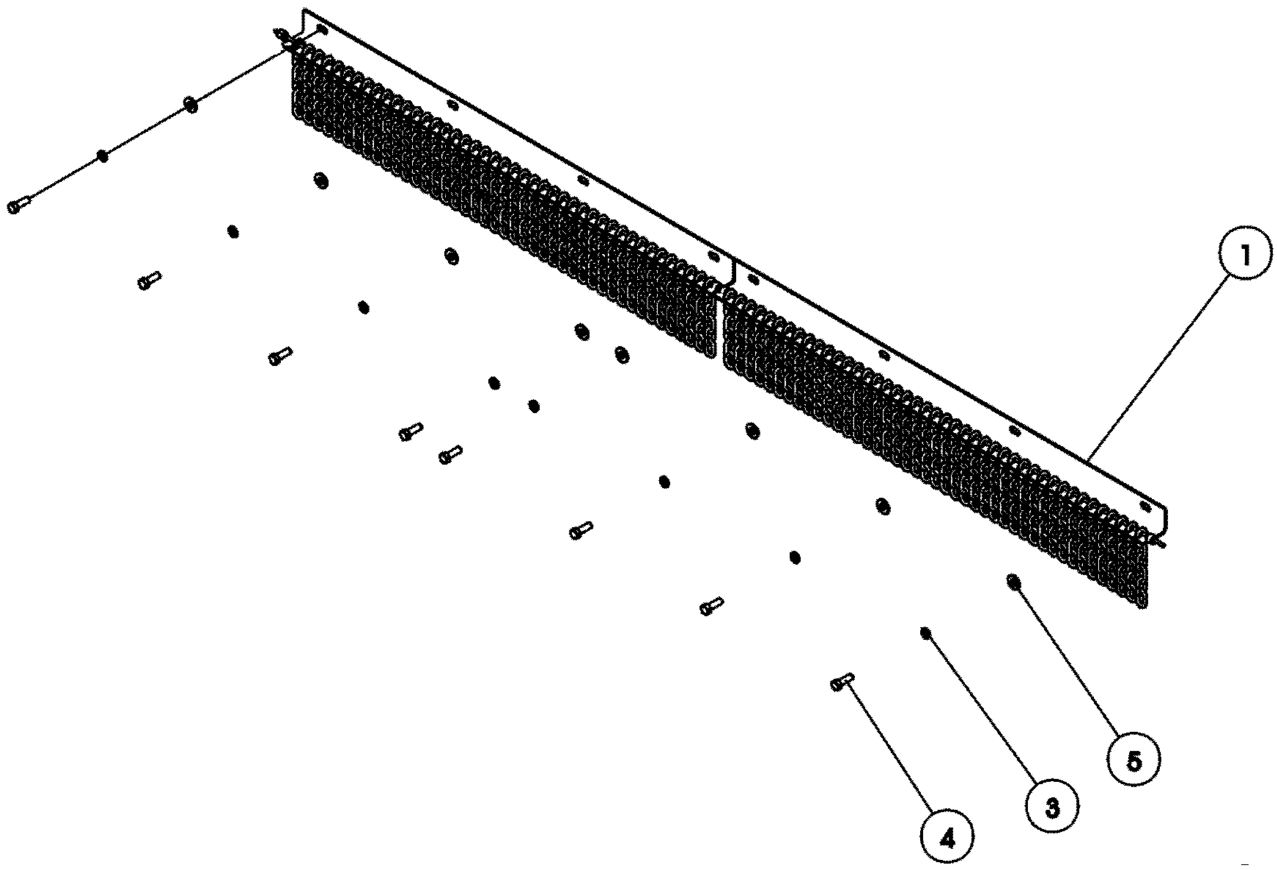
ITEM	PART NO.	QTY.	DESCRIPTION
14	00772017	2	BUSHING
15	00772018	2	DUST CAP
16	00776211	1	SPINDLE BOLT
17	02822500	1	WASHER
18	15B2400	2	FLATWASHER
19	00776212	1	CASTELLATED NUT
20	00771620	1	COTTER PIN
21	00758899	1	COTTER PIN

CHAINGAURD ASSEMBLY - DOUBLE CG FRONT


NOTE: MAKE A CONTINOUS LOOP WITHIN EACH BRACKET
1
6
5
4

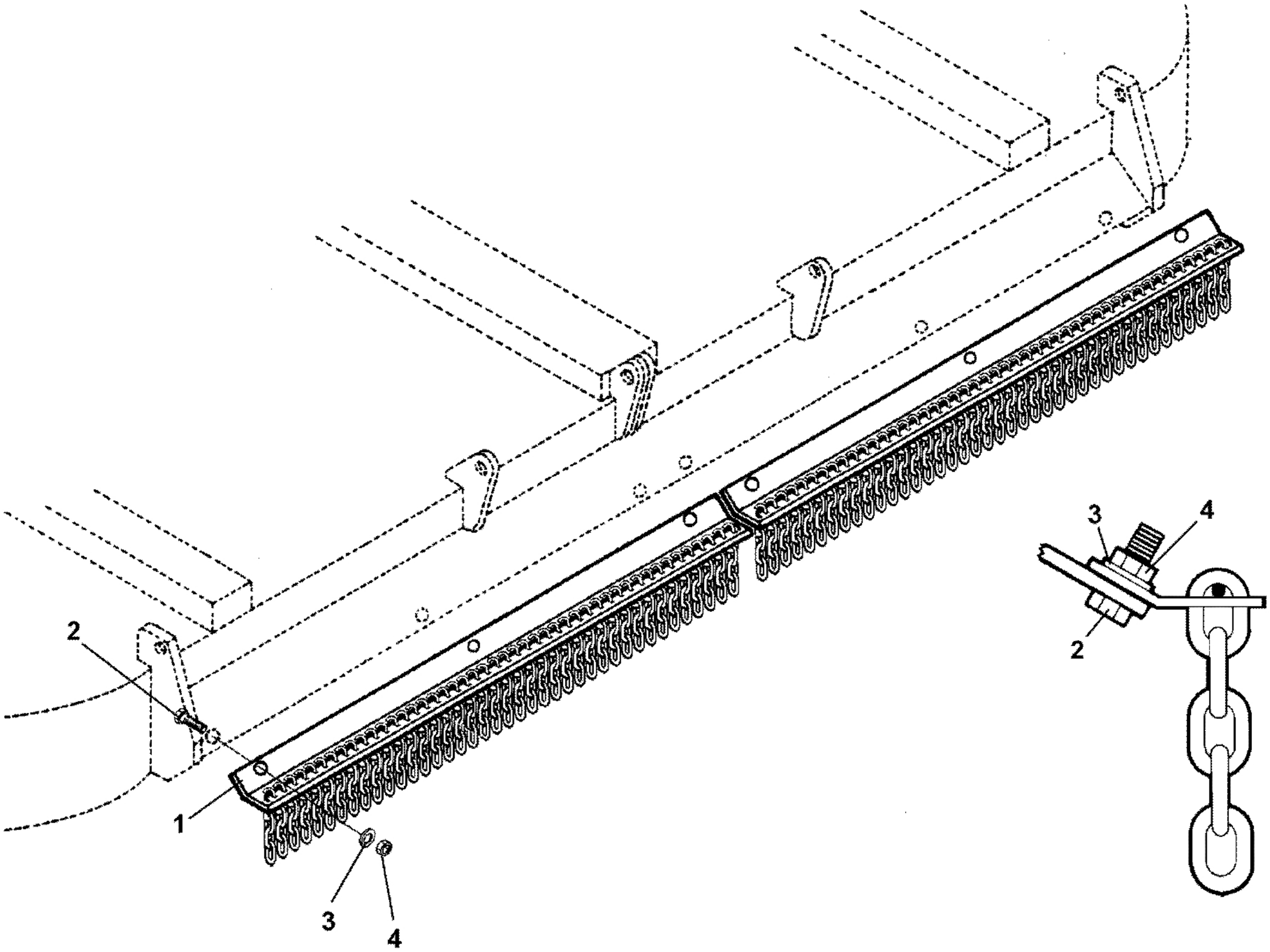
ITEM	PART NO.	QTY.	DESCRIPTION
1	00785497	2	ASY, FRONT CG
4	00002700	8	FLATWASHER 1/2 PL STD
5	00001300	8	LOCKWASHER 1/2 PL STD
6	00748823	8	HHCS 1/2-13UNC 1-1/2 PL5

CHAINGAURD ASSEMBLY - FRONT



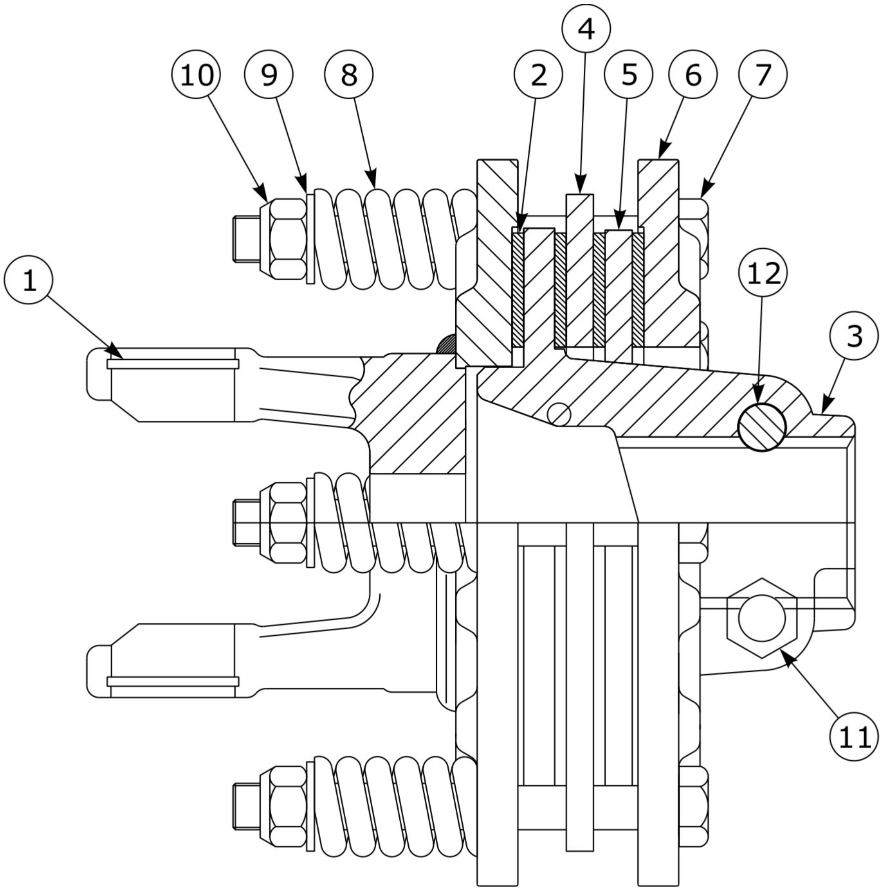
ITEM	PART NO.	QTY.	DESCRIPTION
1	00778558	2	CHAINGUARD BRKT. FRONT
3	00001300	8	LOCKWASHER 1/2 PL STD
4	00748823	8	HHCS 1/2-13UNC 1-1/2 PL5
5	00002700	8	FLATWASHER 1/2 PL STD

CHAINGUARD ASSEMBLY - REAR



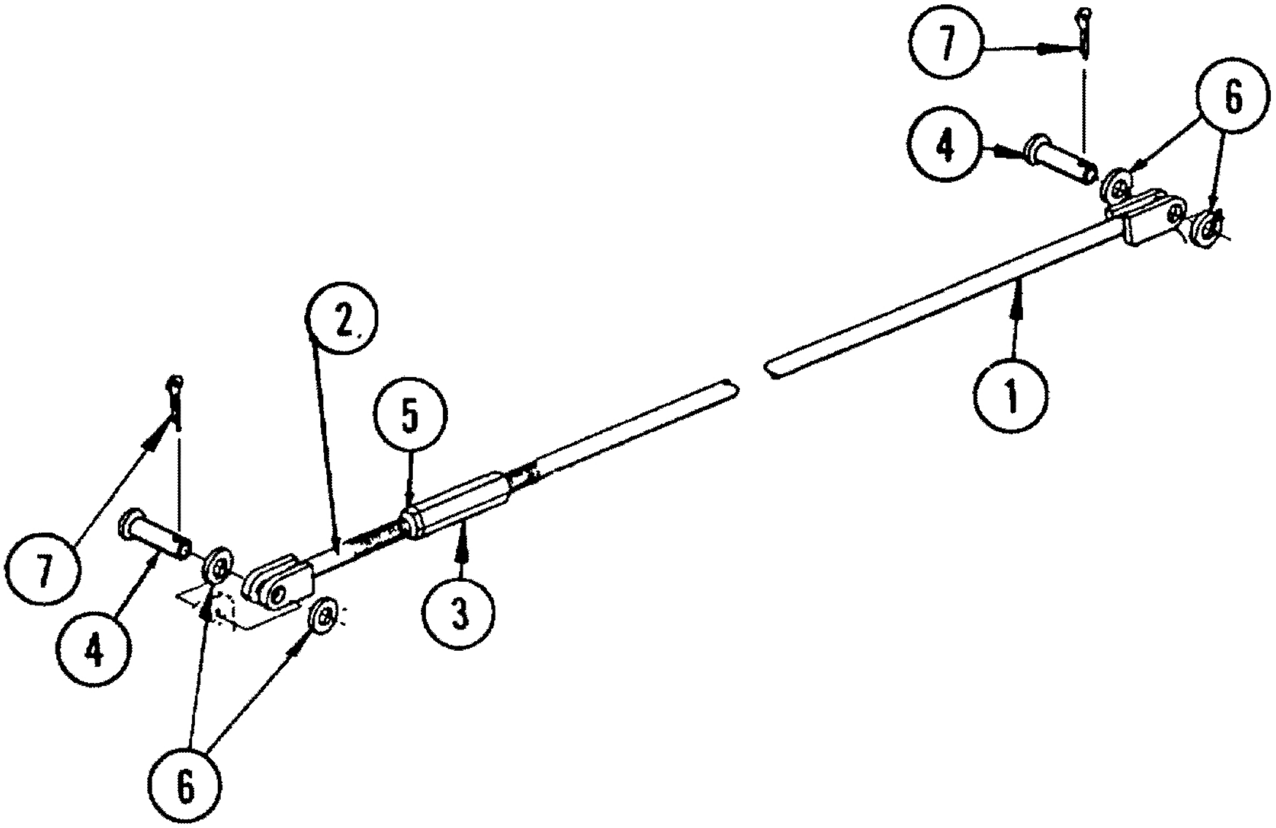
ITEM	PART NO.	QTY.	DESCRIPTION
1	00762182	2	CHAINGUARD ASSEMBLY-REAR
2	02030700	6	BOLT
3	00002700	6	WASHER
4	4526	6	NUT

CLUTCH ASSEMBLY - 35R



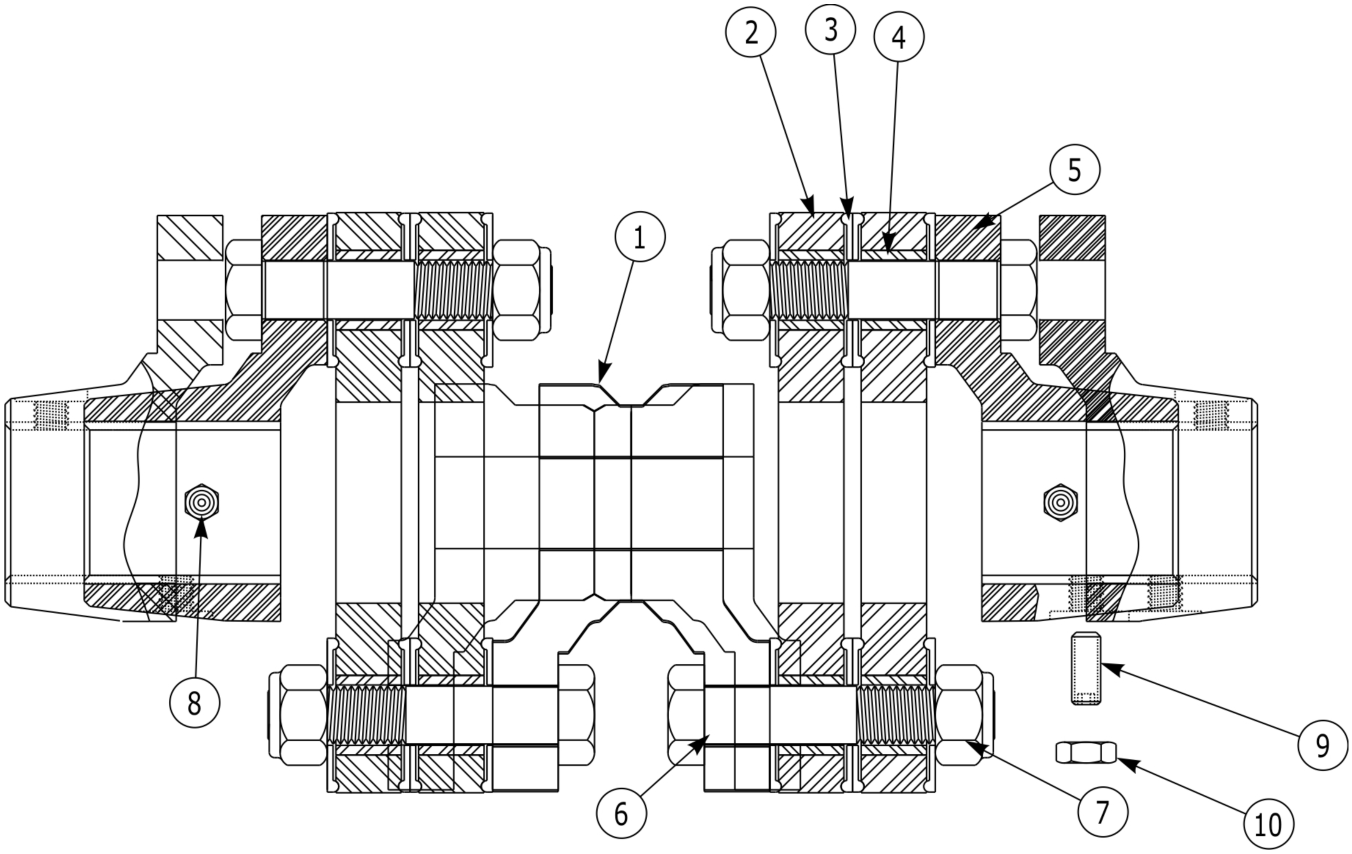
ITEM	PART NO.	QTY.	DESCRIPTION
	00775331	1	CLUTCH ASY, 4 DISC / 6 SPRING
1	00775333	1	FLANGE YOKE (F/ 35R DRIVELINE)
2	00754202	4	RING, CLUTCH LINING
3	00775334	1	HUB 1-3/4-20 SPLINE
4	00775335	1	DRIVE PLATE
5	00775336	1	DRIVE PLATE
6	00775337	1	THRUST PLATE
7	00775338	6	BOLT, HEX HEAD (12 MM X 115MM)
8	00775339	6	COMPRESSION SPRING
9	00754566	6	LOCKWASHER
10	00756164	6	LOCKNUT, (12 MM)
11	00775327	2	LOCKNUT, (12 MM)
	700322C	2	LOCKNUT, NYLON INSERT (14 MM)
12	00775328	2	BOLT, HEX HEAD (12 MM)
	0615700	2	BOLT, HEX HEAD (14 MM)

CONTROL ROD ASSEMBLY



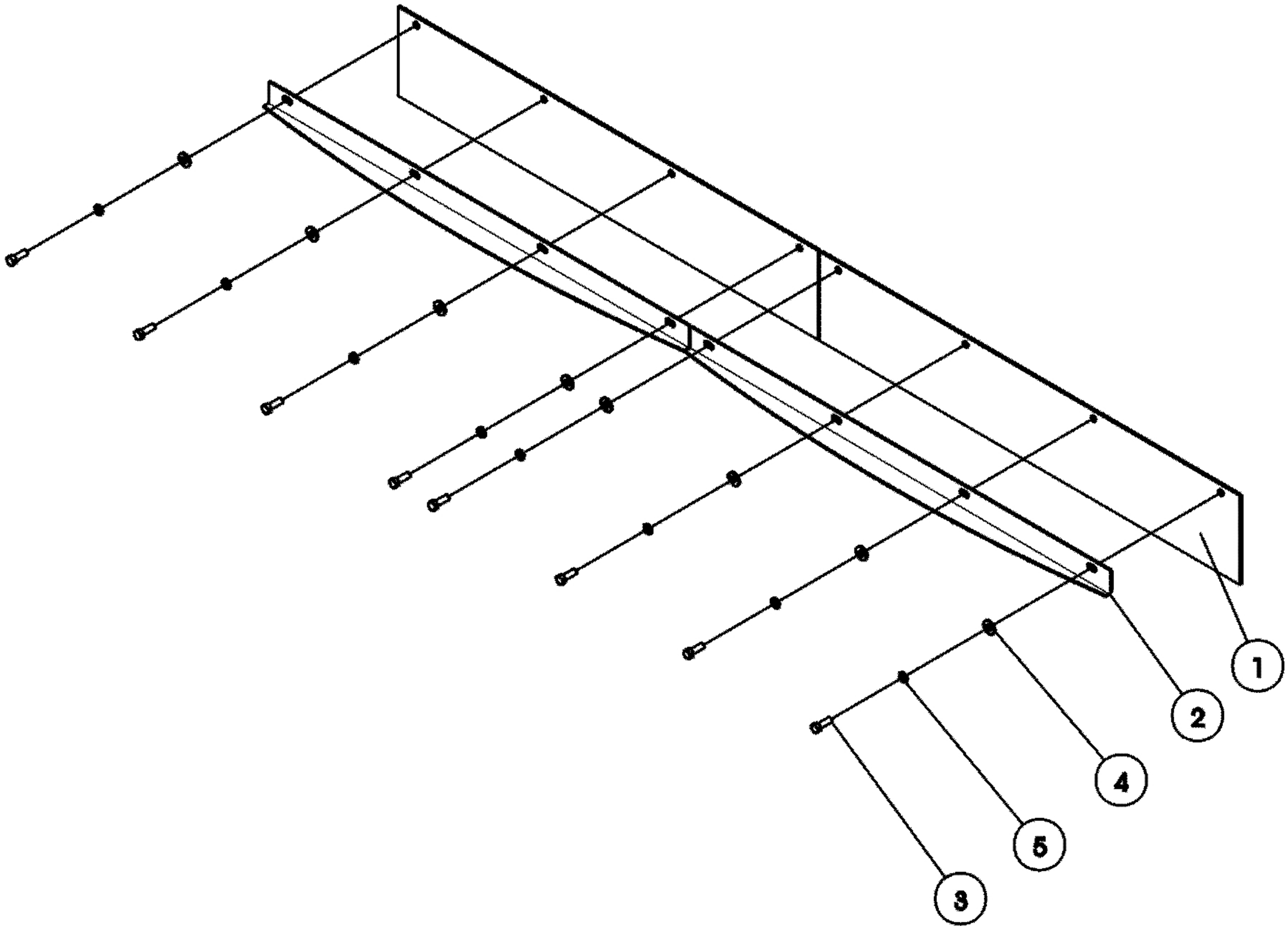
ITEM	PART NO.	QTY.	DESCRIPTION
	00773133	1	CONTROL ROD ASSEMBLY
1	00773132	2	CONTROL ROD, WLDT, L.H. THDS
2	00758643	2	CONTROL ROD, WLDT. R.H. THDS
3	00778159	2	NUT, 9" ADJUSTING
4	651102	4	ROD PIN, CONTROL
5	5C1490	2	NUT, JAM
6	15B1200	8	WASHER
7	00755153	8	PIN, COTTER

COUPLER SIDE DRIVE ASSEMBLY P/N 00779078



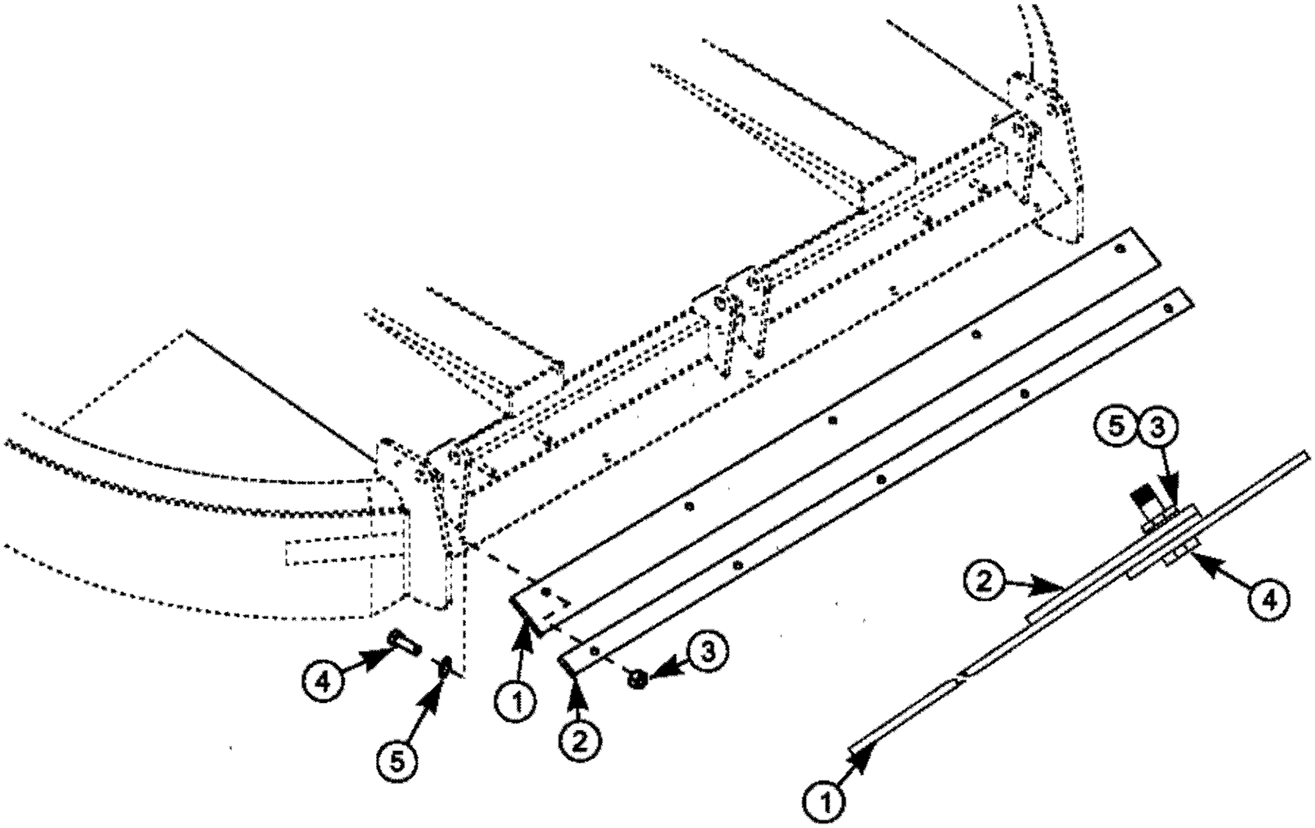
ITEM	PART NO.	QTY.	DESCRIPTION
1	00779079	1	WLDMT,FLEX CONNECTOR YOKE
2	00762215	4	DISC,RUBBER (W/O BUSHINGS)
3	00766475A	48	WASHER,BEADED D/L COUPLER
4	00771287	24	BUSHING,RUBBER DISK
5	00762216A	2	D/L SPIDER 1-3/4 20 SPL
6	00765902	12	HHCS M16-P2.0 X 90MM UNI 5737
7	00765962	12	NUT MET TLE 16MM-P2.0 PL
8	00764386	2	GREASE FITTING,8MMX1 STRAIGHT
9	3167	1	SQSS 3/8-16NC 1 PL
10	00751281	1	NUT, HEX JAM 3/8 PL

DEFLECTOR ASSEMBLY - FRONT



ITEM	PART NO.	QTY.	DESCRIPTION
1	00778595	2	DEFLECTOR, FRONT
2	00778594	2	DEFLECTOR BRKT. FRONT
3	00748823	8	HHCS 1/2-13UNC 1-1/2 PL5
4	00002700	8	FLATWASHER 1/2 PL STD
5	00001300	8	LOCKWASHER 1/2 PL STD

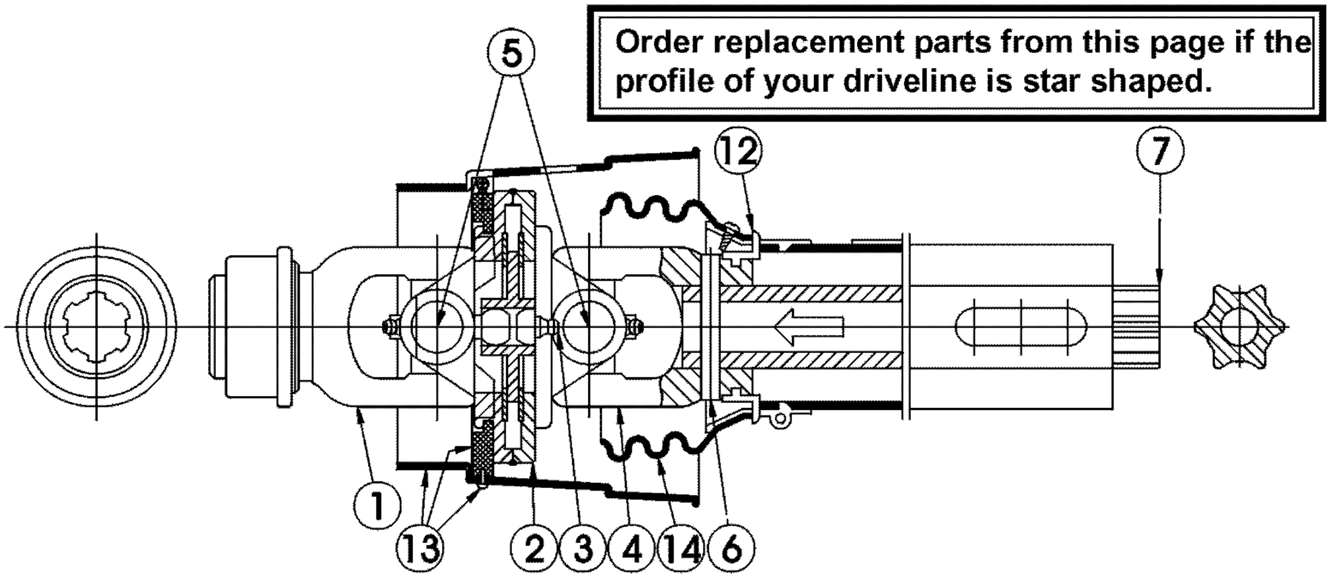
DEFLECTOR ASSEMBLY - REAR

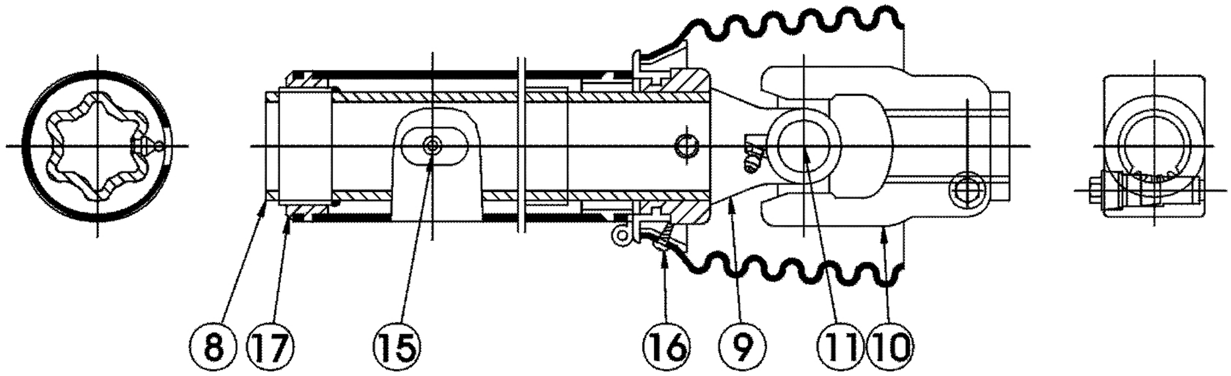


ITEM	PART NO.	QTY.	DESCRIPTION
	00761648	1	DEFLECTOR ASSEMBLY-REAR
1	00761970	1	SHIELD
2	00761971	1	BAR STRAP
3	00001800	5	LOCKNUT
4	02030700	5	BOLT
5	00002700	5	FLATWASHER 1/2 PL STD

DRIVELINE ASSEMBLY - CV

Order replacement parts from this page if the profile of your driveline is star shaped.





ITEM	PART NO.	QTY.	DESCRIPTION
	00775301	1	DRIVELINE ASSEMBLY (540 RPM)
	00775306	1	DRIVELINE ASSEMBLY (1000 RPM)
1	8380	1	YOKE (540 RPM)
	00775379	1	YOKE (1000 RPM)
2	8381	1	DOUBLE YOKE
3	8382	1	GREASE FITTING
4	00775309	1	INBOARD YOKE
5	8396	2	CROSS & BEARING KIT
6	0921000333	2	SPRING PIN
7	00775380	1	INNER PROFILE
8	00775381	1	PROFILE & SLEEVE
9	00775310	1	INBOARD YOKE
10	00775311	1	YOKE
11	8388	1	CROSS & BEARING KIT
12	8393	1	BEARING RING

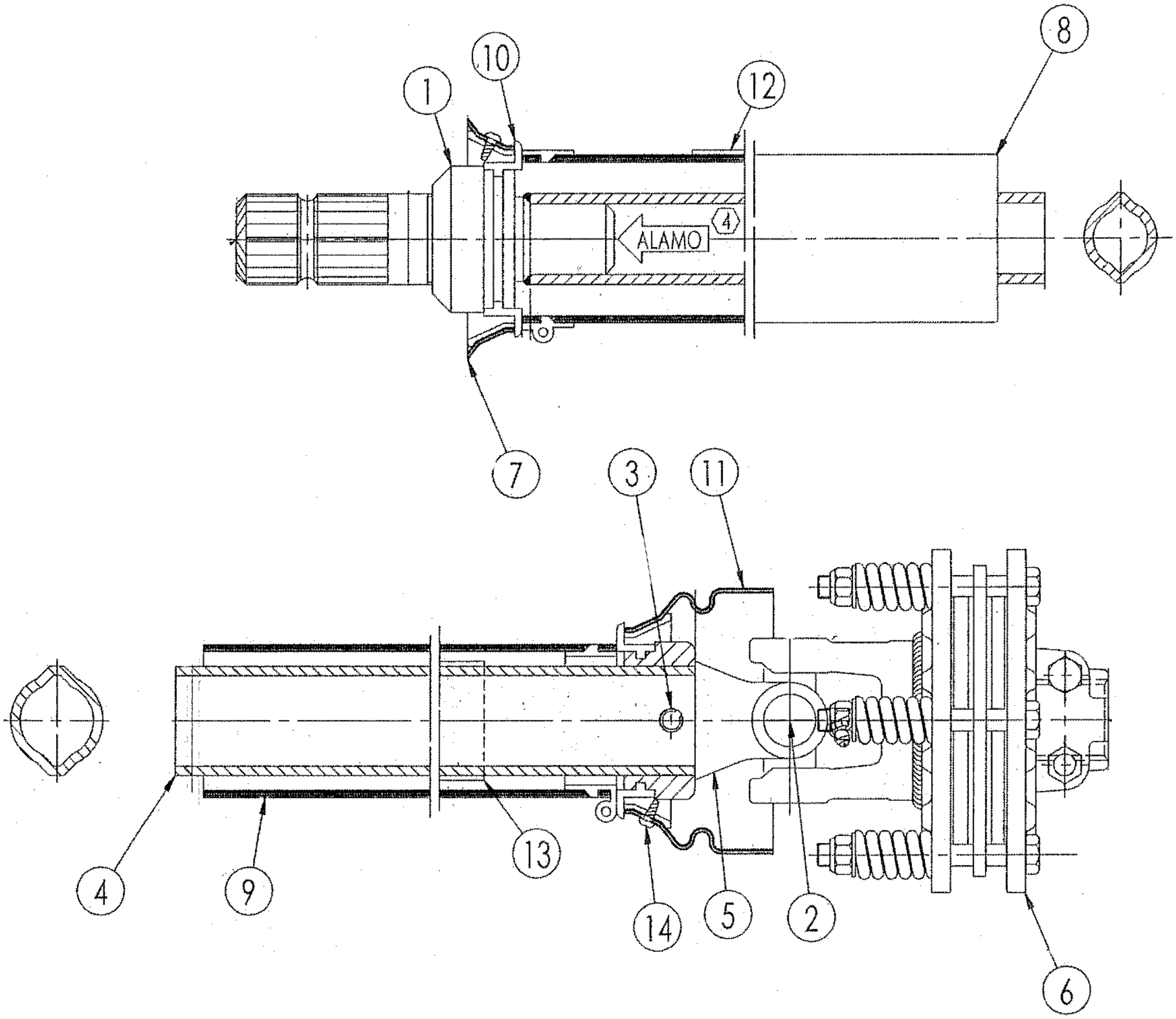
RX96 (09-07) Rev 04-11

DRIVELINE ASSEMBLY - CV

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
13	00763951	1	CV CONE & BEARING
14	8949	1	SHIELD CONE
15	1416601	1	GREASE FITTING
16	4797	8	SCREW
17	8974	1	SUPPORT BEARING
	00775304	1	OUTER SHIELD HALF
	00775305	1	INNER SHIELD HALF
	00767953	1	Q.D. YOKE KIT
	00774208	1	C.C. YOKE LOCK ASSY

DRIVELINE ASSEMBLY - JACKSHAFT



ITEM	PART NO.	QTY.	DESCRIPTION
	00778221	1	DRIVELINE ZW1340 JACKSHAFT
1	00778536	1	STUB AND PROFILE W.A.
2	00189700	1	CROSSKIT
3	00756934	1	PIN,ROLL 10 X 80
4	00778537	1	OUTER PROFILE
5	00775318	1	YOKE INBOARD 2A
6	00775331	1	CLUTCH FRICTION
7	--------------	1	GUARD RING
8	--------------	1	OUT. SHIELD TUBE OVL
9	--------------	1	INN. SHIELD TUBE RND
10	8393	2	BEARING RING

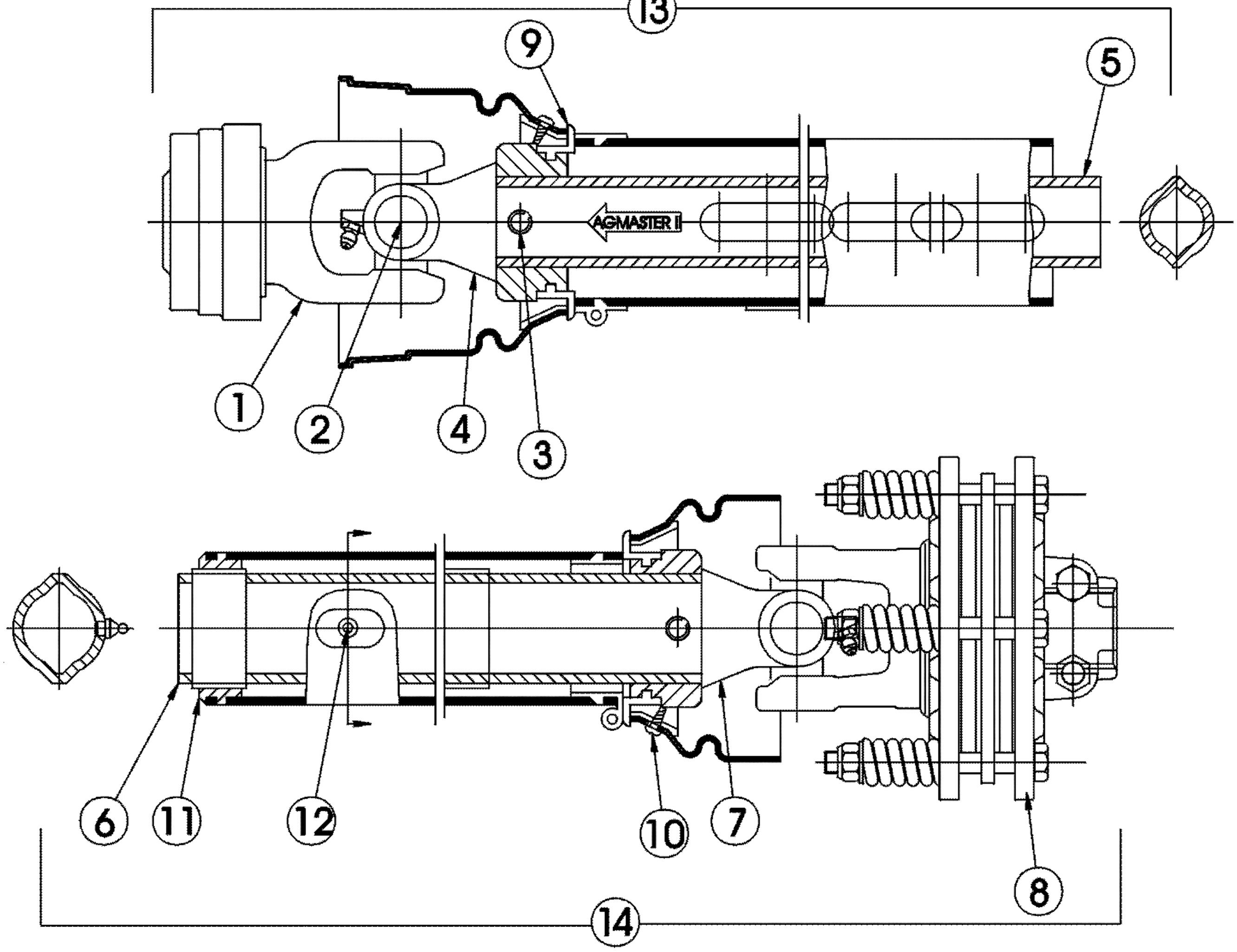
DRIVELINE ASSEMBLY - JACKSHAFT

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
11	--------------	1	SHIELD CONE -SHORT
12	00756005	1	DECAL-ROTATING DRIVELINE
13	00756004	1	DECAL-SHIELD MISSING
14	00759217	2	SCREW 1/2 LG END
	00778535	1	COMPLETE SHIELD ASSEMBLY (ITEMS 7-12 & 14)

DRIVELINE ASSEMBLY - LIFT TYPE

Order replacement parts from this page if the profile of your driveline is lemon shaped.

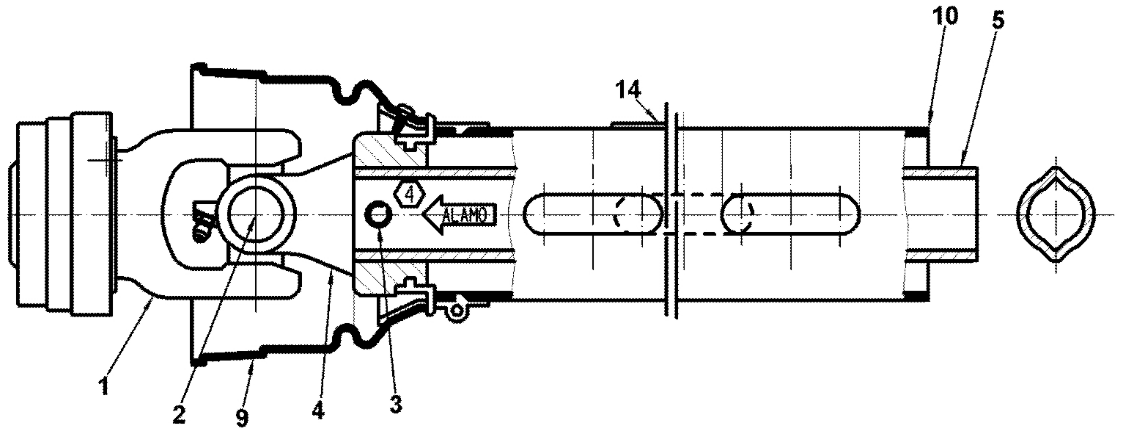


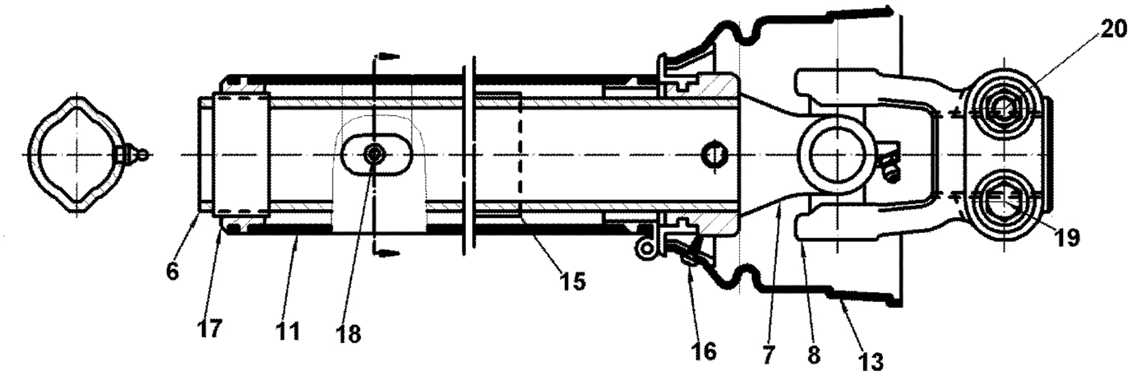
ITEM	PART NO.	QTY.	DESCRIPTION
	00775385	1	540 RPM
1	00775353	1	YOKE
2	W279R	2	CROSS & BEARING KIT
3	8384	2	SPRING PIN
4	00775317	1	INBOARD YOKE
5	7413	1	INNER PROFILE
6	00775377	1	PROFILE & SLEEVE W.A.
7	00775318	1	INBOARD YOKE
8	00775331	1	FRICTION CLUTCH
9	8393	2	BEARING RING
10	4797	2	SCREW

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
11	8974	1	SUPPORT BEARING
12	1416601	1	ZERK
13	00775388	1	OUTER SHIELD HALF
14	00775389	1	INNER SHIELD HALF
15	00767954	1	YOKE QD KIT (IN ITEM 1)

DRIVELINE ASSEMBLY - PULL TYPE 1000 RPM





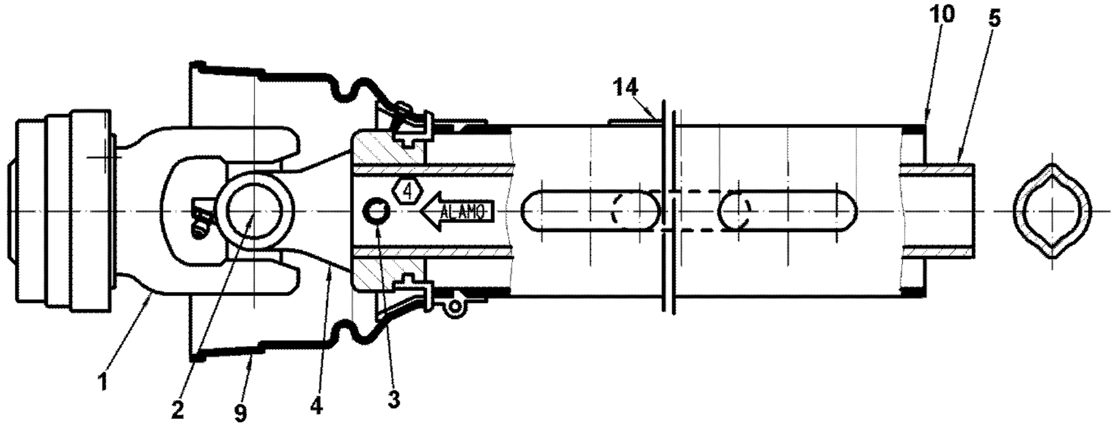
ITEM	PART NO.	QTY.	DESCRIPTION
	00778037	1	DRIVELINE PULL 1000
1	00761762	1	YOKE 1-3/8-21 SPL PAINT BLACK
2	00189700	2	CROSSKIT
3	00756934	2	PIN,ROLL 10 X 80
4	00775317	1	YOKE INBOARD 1B
5	0921000332	1	TUBE, SHAFT
6	00775378	1	PROFILE & SLEEVE W.A.
7	00775318	1	YOKE INBOARD 2A
8	00775316	1	YOKE 1-3/4-20 SPL I.C.
9	-------------	2	SHIELD CONE
10	-------------	1	OUT. SHIELD TUBE OVL
11	------------	1	INN. SHIELD TUBE RND
12	8393	2	BEARING RING
14	00756005	1	DECAL-ROTATING DRIVELINE
15	00756004	1	DECAL-SHIELD MISSING

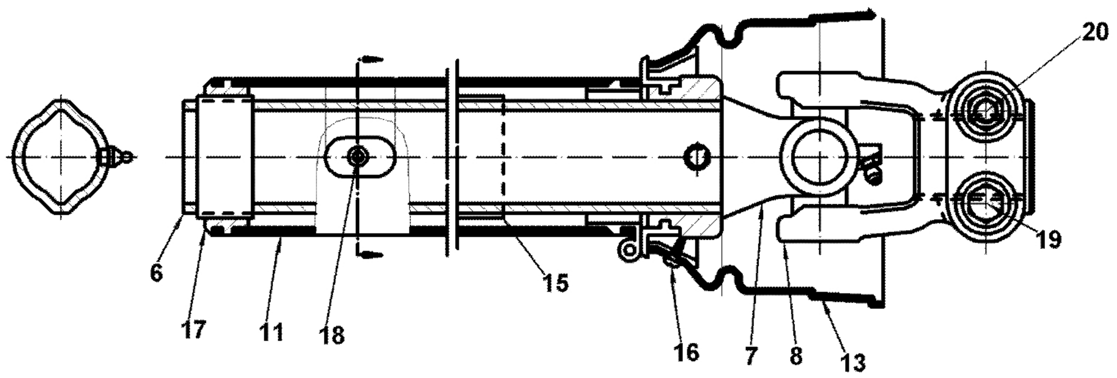
DRIVELINE ASSEMBLY - PULL TYPE 1000 RPM

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
16	00759217	2	SCREW 1/2 LG END
17	8974	1	SUPPORT BEARING
18	00776879	1	PLATE,CLEVIS
19	00775384	2	BOLT P1.75 M12 X 60
20	00775327	2	NUT P1.75 M12

DRIVELINE ASSEMBLY - PULL TYPE 540 RPM





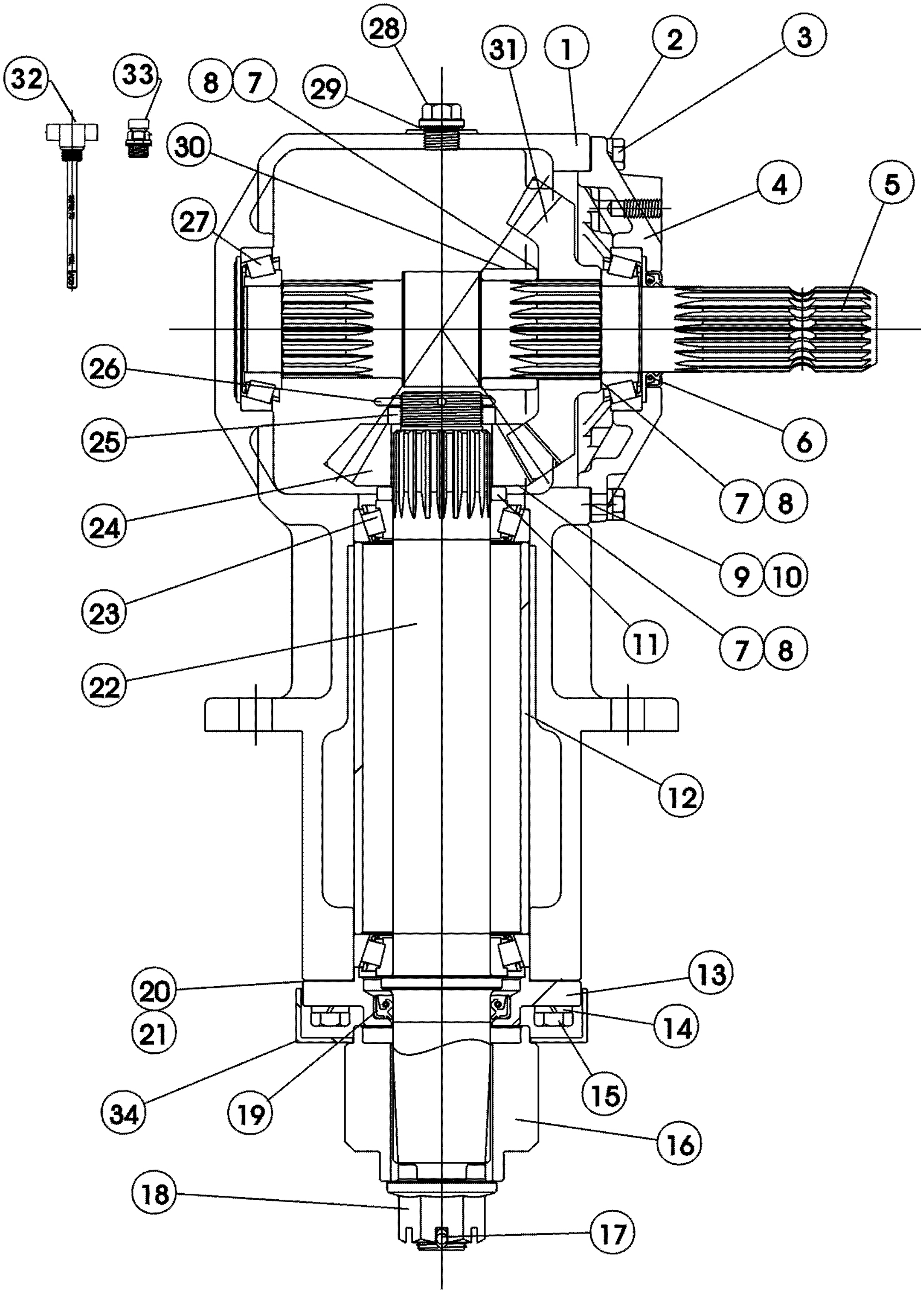
ITEM	PART NO.	QTY.	DESCRIPTION
	00778130	1	DRIVELINE PULL 540
1	00775353	1	YOKE 1-3/8-6 SPLINE ASGE
2	00189700	2	CROSSKIT
3	00756934	2	PIN,ROLL 10 X 80
4	00775317	1	YOKE INBOARD 1B
5	0921000332	1	TUBE, SHAFT
6	00775378	1	PROFILE & SLEEVE W.A.
7	00775318	1	YOKE INBOARD 2A
8	00775316	1	YOKE 1-3/4-20 SPL I.C.
9	-------------	2	SHIELD CONE
10	-------------	1	OUT. SHIELD TUBE OVL
11	-----------	1	INN. SHIELD TUBE RND
12	8393	2	BEARING RING
14	00756005	1	DECAL-ROTATING DRIVELINE
15	00756004	1	DECAL-SHIELD MISSING

DRIVELINE ASSEMBLY - PULL TYPE 540 RPM

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
16	00759217	2	SCREW 1/2 LG END
17	8974	1	SUPPORT BEARING
18	00776879	1	PLATE,CLEVIS
19	00775384	2	BOLT P1.75 M12 X 60
20	00775327	2	NUT P1.75 M12

GEARBOX ASSEMBLY



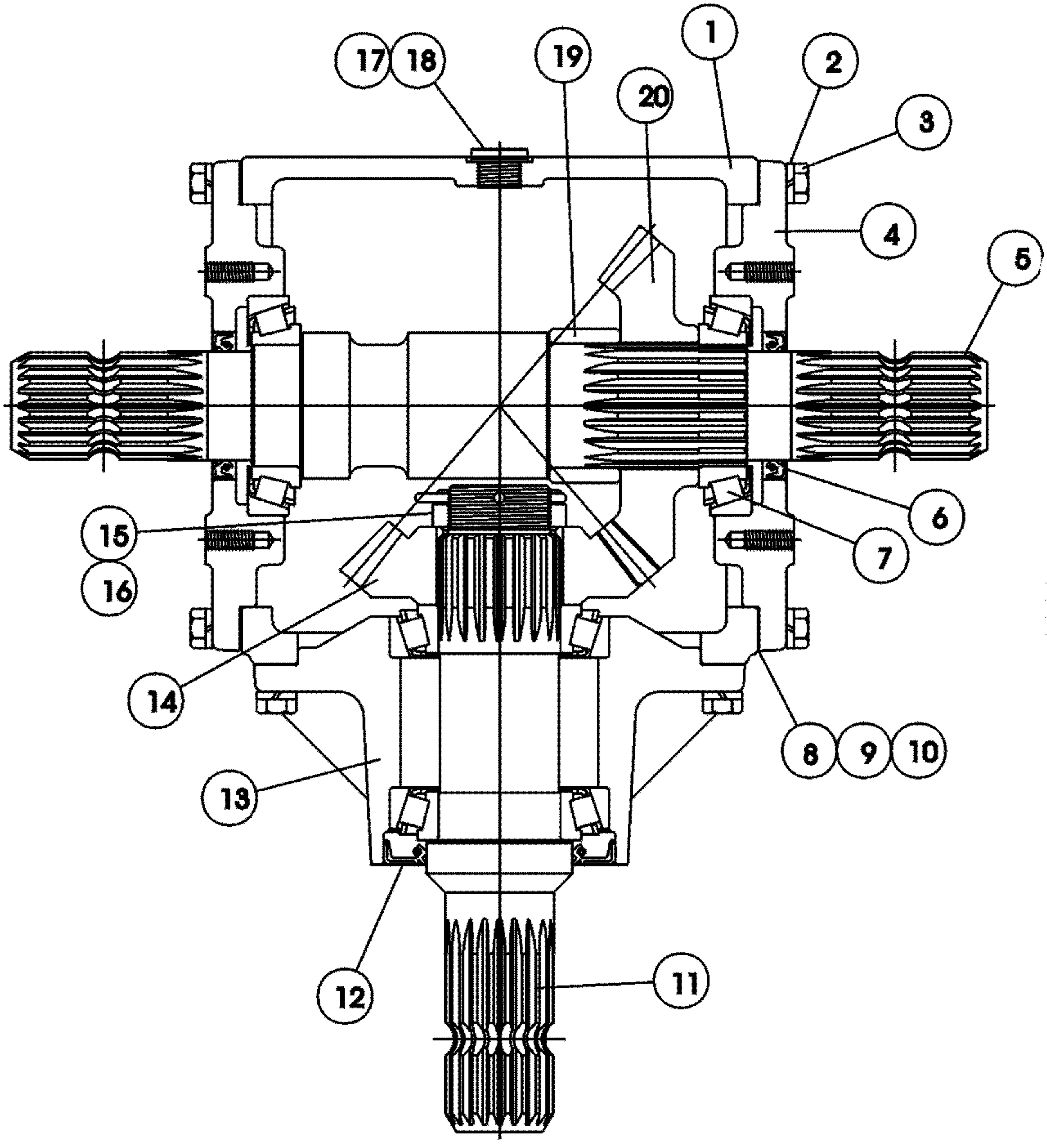
28
31
1
2
3
32
33
8
7
29
30
4
5
27
26
6
25
7
8
24
9
10
23
11
7
8
22
12
20
21
13
14
34
19
15
16
18
17

RX96 (09-07) Rev 04-11

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	00779109	1	GEARBOX
1	00781380	1	HOUSING 75 SERIES E.O.
2	00755954	8	LOCKWASHER M10
3	00758659	8	HEXB METRIC 10-P1.5 - 32MM PL5
4	00758664	1	CAP,INPUT IEG 20-001
5	00758689	1	SHAFT,INPUT
6	00758653	1	SEAL 1-3/4IDX2.378OD
7	00758667	1	SHIM .012 2.44 O.D.
8	00758668	1	SHIM,0.020 2.44 O.D.
9	00758646	1	SHIM, ADJUSTMENT - .004"
10	00758647	1	SHIM, ADJUSTMENT - .010"
11	00759977	1	SPACER GEAR MOUNT I
12	00781381	1	OUTPUT SPACER
13	00758663	1	CAP,OUTPUT IEG #20-002
14	00758672	4	LOCKWASHER,M12 IEG 07-002
15	02959661	4	HEXB, M12-P1.75 X 35MM PL8.8
16	00758675	1	HUB,2 1/2 BLADE
17	00606000	1	PIN,COTTER 3/16X2
18	00758692	1	NUT SLOTTED HEX FLG 1-14UNS PL
19	00758674	1	SEAL,OUTPUT SHAFT 50
20	00758676	1	GASKET, .004 OR .1M
21	00758677	1	GASKET, .010 OR .25
22	00781382	1	OUTPUT SHAFT
23	00769938	2	BEARING #30210
24	00758693	1	GEAR,13 TOOTH IEG 03-008
25	00762121	1	NUT,HEX THIN SLOTTED
26	00026200	1	PIN,COTTER 5/32 X 1-1/2
27	00755615	2	BEARING
28	00770737	2	LEVEL PLUG M18 X 1.5
29	00769321	3	WASHER,SEALING,17.8M
30	00758657	1	SPACER,INPUT SHAFT
31	00758694	1	GEAR,19 TOOTH IEG 03-009
32	00777693	1	ASY,DIP STICK BREATHER
33	00762114	1	PLUG,VENT W/WASHER 18M-P1.5
34	00770727	1	PROTECTOR, SEAL
	00765444	3	QT,ALAMO 000 GEAR LUBE

GEARBOX ASSEMBLY - DIVIDER 1000 RPM


17
18
19
1
2
20
3
4
5
6
7
15
16
14
8
9
10
13
12
11

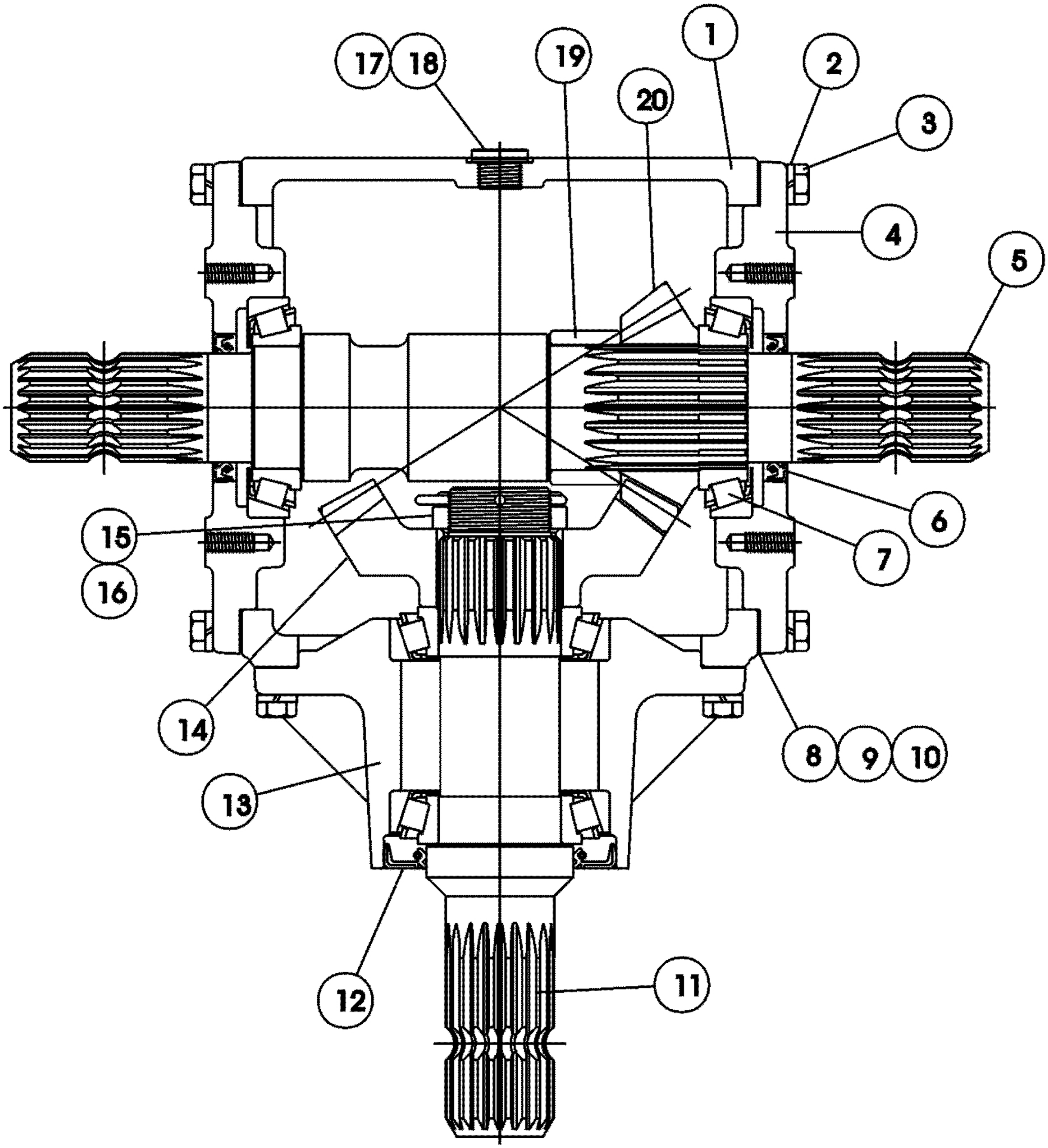
ITEM	PART NO.	QTY.	DESCRIPTION
	00778614	1	GEARBOX 1.17:1RD-1-3/4-20
1	00762519	1	HOUSING
2	00755954	24	LOCKWASHER M10
3	00758659	24	HEXB METRIC 10-P1.5 - 32MM PL5

RX96 (09-07) Rev 04-11

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
4	00762516	2	CAP-THRU
5	00762518	1	SHAFT-THRU
6	00758653	2	SEAL 1-3/4IDX2.378OD
7	00758650	4	N/A USE 00769938
8	00758646	1	SHIM, ADJUSTMENT - .004"
9	00758647	1	SHIM, ADJUSTMENT - .010"
10	00758648	1	SHIM ,ADJUSTMENT - .020"
11	00762522	1	SHAFT-INPUT
12	00762521	1	SEAL,95.1MMX58MMX10MM DBL LIP
13	00777562	1	HORZ. HUB CAP
14	00758690	1	GEAR,24 TOOTH
15	00762121	1	NUT,HEX THIN SLOTTED
16	00770421	1	PIN, COTTER 3.6MM X 65MM
17	00769321	4	WASHER,SEALING,17.8M
18	00770737	3	LEVEL PLUG M18 X 1.5
19	00758657	1	SPACER,INPUT SHAFT
20	00758691	1	GEAR,28 TOOTH
21	00762114	1	PLUG,VENT W/WASHER 18M-P1.5
	00765444	3.25	QT,ALAMO 000 GEAR LUBE

GEARBOX ASSEMBLY - DIVIDER 540 RPM


17
18
19
1
2
20
3
4
5
6
7
15
16
14
8
9
10
13
12
11

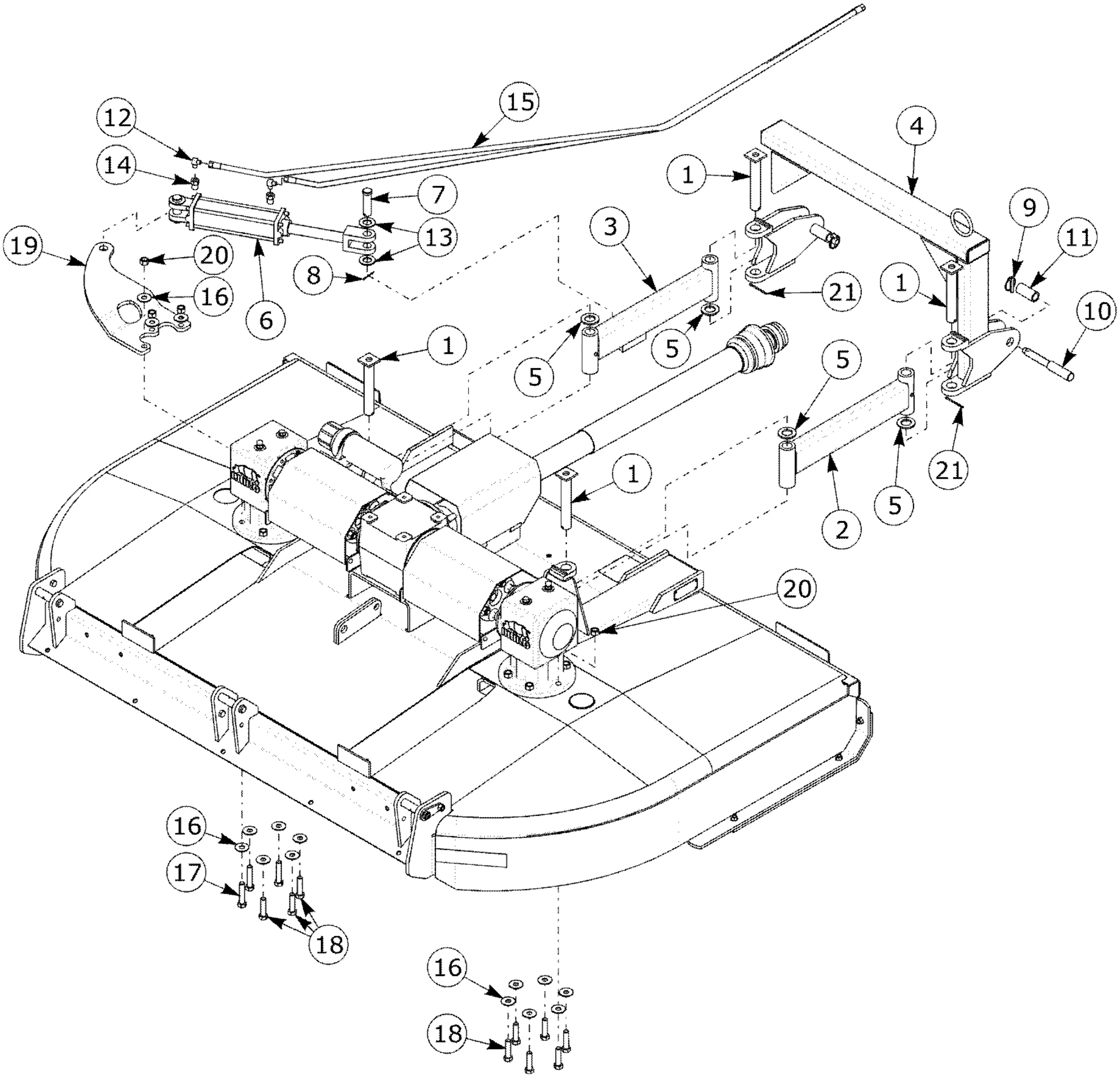
ITEM	PART NO.	QTY.	DESCRIPTION
	00778600	1	GEARBOX DIV. 1:1.6 SU 1-3/4-20
1	00762519	1	HOUSING
2	00755954	24	LOCKWASHER M10
3	00758659	24	HEXB METRIC 10-P1.5 - 32MM PL5

GEARBOX ASSEMBLY - DIVIDER 540 RPM

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
4	00762516	2	CAP-THRU
5	00762518	1	SHAFT-THRU
6	00758653	2	SEAL 1-3/4IDX2.378OD
7	00758650	4	N/A USE 00769938
8	00758646	1	SHIM, ADJUSTMENT - .004"
9	00758647	1	SHIM, ADJUSTMENT - .010"
10	00758648	1	SHIM ,ADJUSTMENT - .020"
11	00762522	1	SHAFT-INPUT
12	00762521	1	SEAL,95.1MMX58MMX10MM DBL LIP
13	00777562	1	HORZ. HUB CAP
14	00758701	1	GEAR,24 TOOTH
15	00762121	1	NUT,HEX THIN SLOTTED
16	00770421	1	PIN, COTTER 3.6MM X 65MM
17	00769321	4	WASHER,SEALING,17.8M
18	00770737	3	LEVEL PLUG M18 X 1.5
19	00758657	1	SPACER,INPUT SHAFT
20	00758698	1	GEAR,15 TOOTH
21	00762114	1	PLUG,VENT W/WASHER 18M-P1.5
	00765444	3.25	QT,ALAMO 000 GEAR LUBE

HITCH ASSEMBLY - HYDRAULIC OFFSET


15
12
14
4
1
7
13
9
11
19
20
3
8
16
6
21
1
10
5
5
1
5
5
21
2
1
20
16
17
18
16
18

ITEM	PART NO.	QTY.	DESCRIPTION
1	00771281	4	WLDMT,PIVOT PIN
2	00778624	1	SWING ARM WELDMENT RH
3	00778625	1	SWING ARM WELDMENT LH
4	00778508	1	WELDMENT OFFSET HITCH
5	00749941	4	FLATWASHER 1-5/16ID X 2-1/4 OD
6	8727A	1	CYLINDER HYD 2-1/2 8
7	8354	2	PIN, HYD. CYLINDER
8	00606000	2	PIN,COTTER 3/16X2

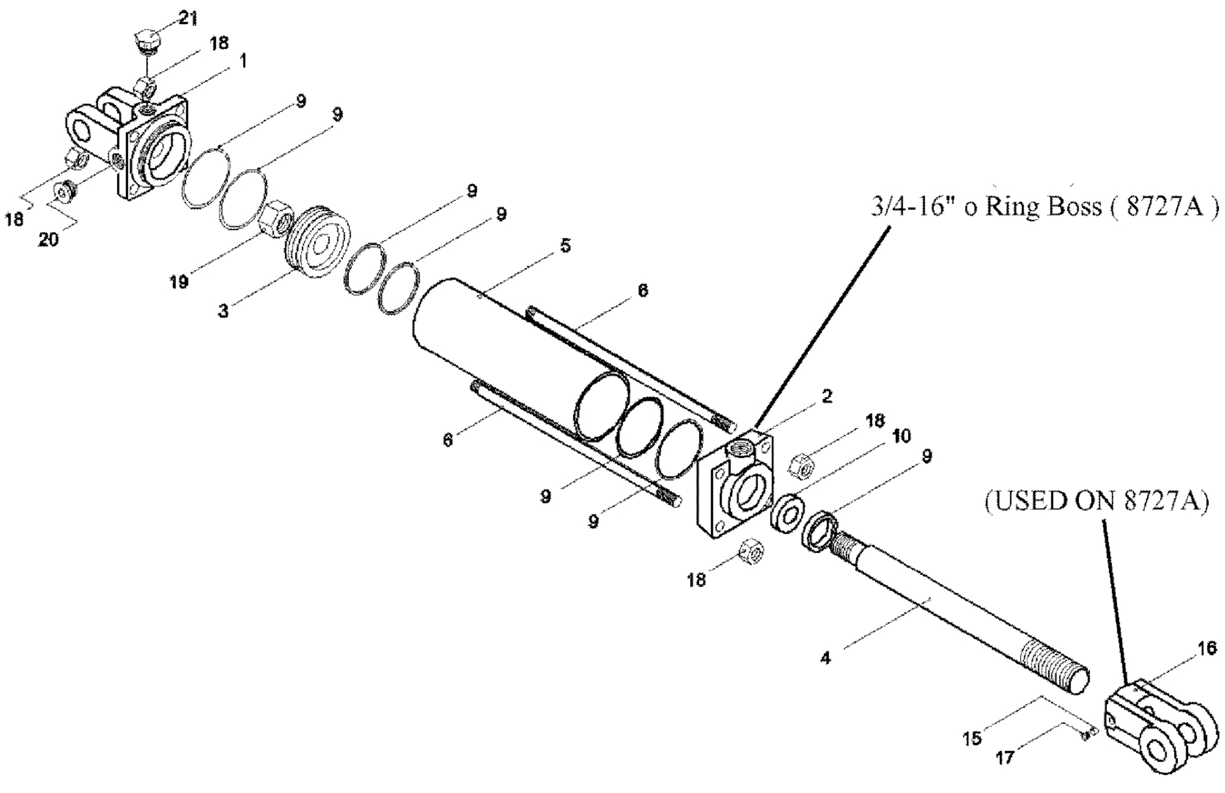
RX96 (09-07) Rev 04-11

HITCH ASSEMBLY - HYDRAULIC OFFSET

Continued...

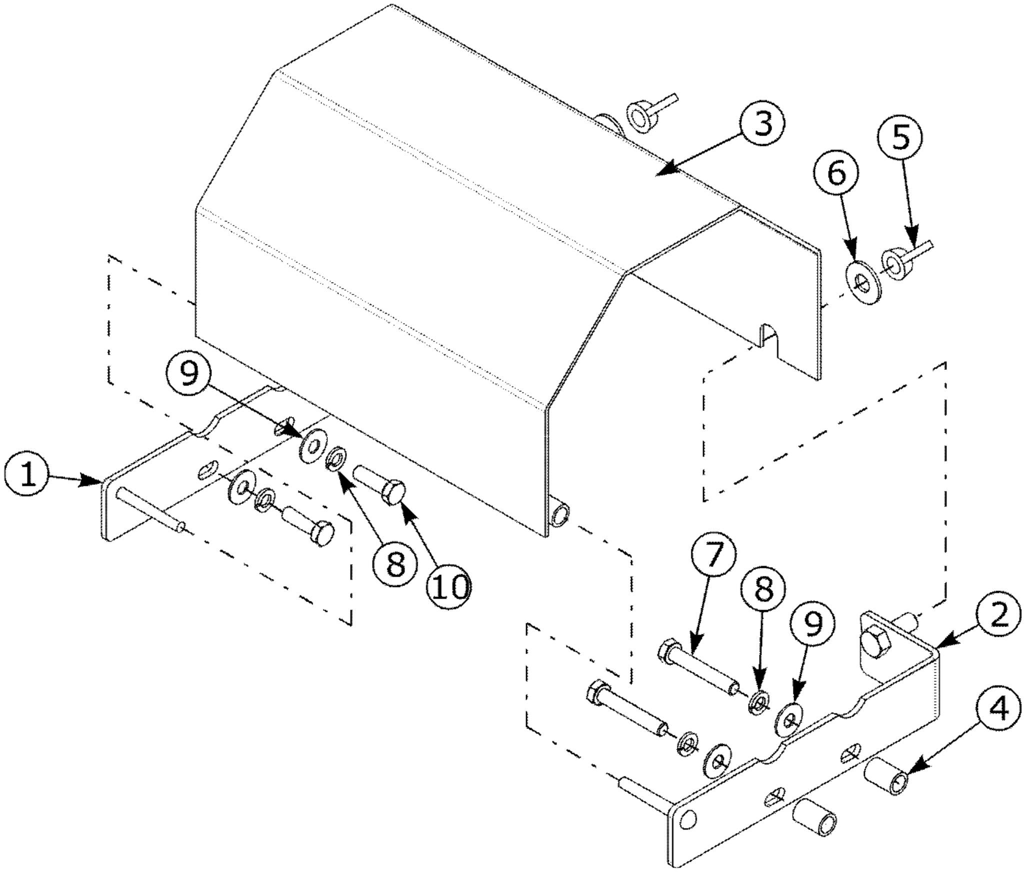
ITEM	PART NO.	QTY.	DESCRIPTION
9	2196	2	CLIP (LYNCH PIN), 13/32 DIA.
10	0781080000	2	PIN,CAT I(7/8)&II(1-1/8) HITCH
11	00772458	2	SPACER, TUBE
12	00606700	2	ADP HYD ELBOW 8MP - 8FPX 90
13	02822500	4	FLATWASHER 1 PL STD
14	0652141311	2	ADP HYD STGHT 8MB - 8FP
15	0651131200	2	HOSE #6 - 8MP - 8MP 120 LG
16	00756077	16	WASHER,5/8 HARDENED
17	02845600	3	HEXB 5/8 NC 3 PL5
18	00750952	9	HEXB,5/8NC X 2-1/2,ZP,GRD5
19	00778620	1	CYLINDER BRACKET
20	00695100	12	LOCKNUT TOPLOCK 5/8NC PLB
21	01422502	4	PIN-COTTER 3/16 X 2-1/2

HYDRUALIC CYLINDER


21
18
1
9
9
18
20
19
3
9
9
5
6
3/4-16" o Ring Boss (8727A)
6
2
18
10
9
9
9
18
(USED ON 8727A)
4
16
15
17

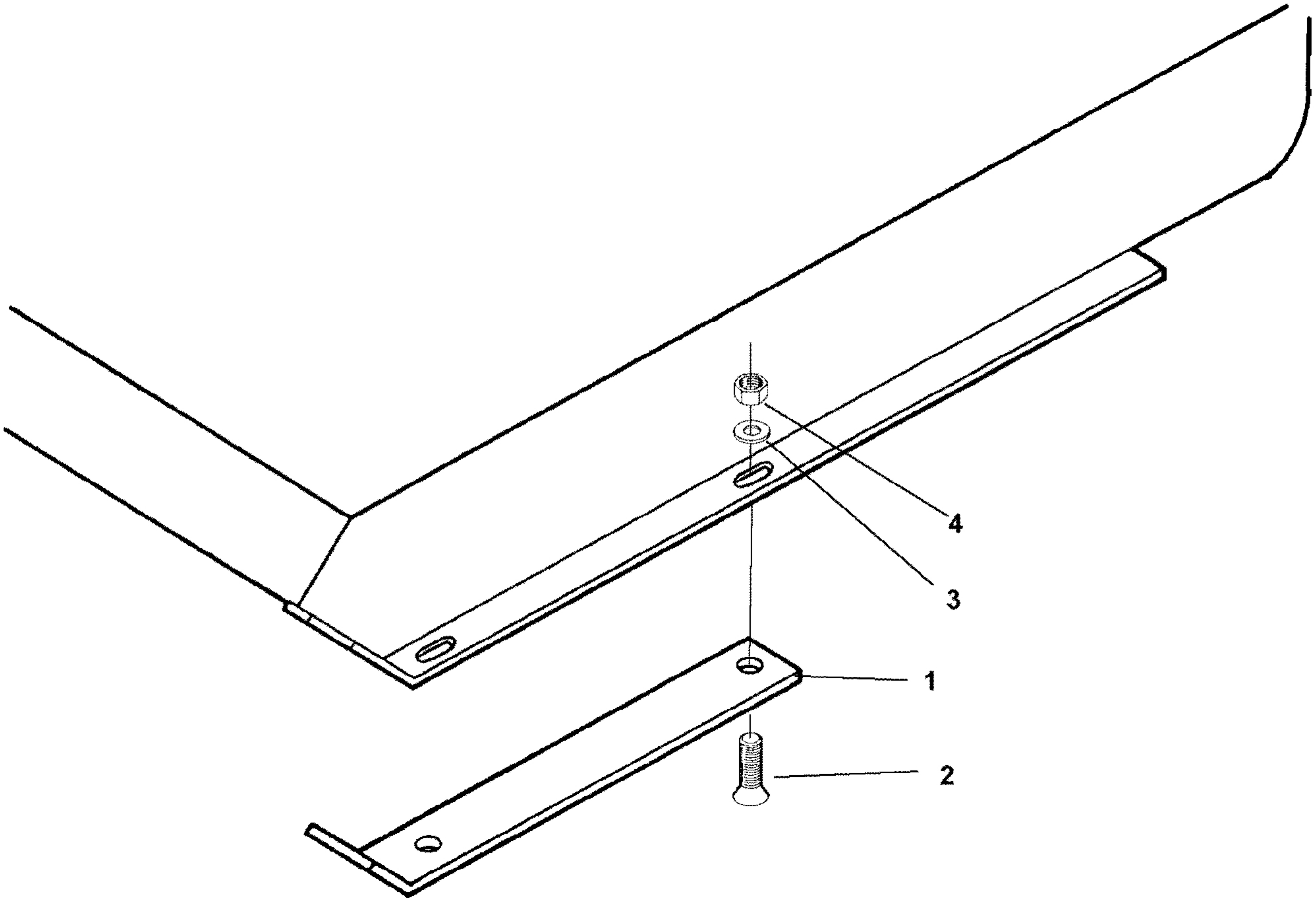
ITEM	PART NO.	QTY.	DESCRIPTION
	8727A	1	COMPLTE ASSEMBLY
1	00774729	1	CLEVIS CAP
2	00774734	1	ROD CAP
3	00774730	1	PISTON
4	00774753	1	ROD
5	3047111	1	TUBE
6	3047112	4	TIE ROD
9	00774760	1	SEAL KIT
15	3047117	1	NYLON THREAD PROTECTOR
16	1917140	1	ROD CLEVIS
17	00774740	1	SET SCREW
18	33003H5C	8	TIE ROD NUT
19	5JRC12160	1	PISTON NUT
20	1917132	1	PORT PLUG
21	2417154	1	BREATHER
	651132	2	HOSE (NOT SHOWN)
	94514	2	ELBOW (NOT SHOWN)
	00768343	2	ADAPTER (NOT SHOWN)
	8354	2	PIN (NOT SHOWN)
	00606000	2	COTTER PIN (NOT SHOWN)

SHIELD ASSEMBLY



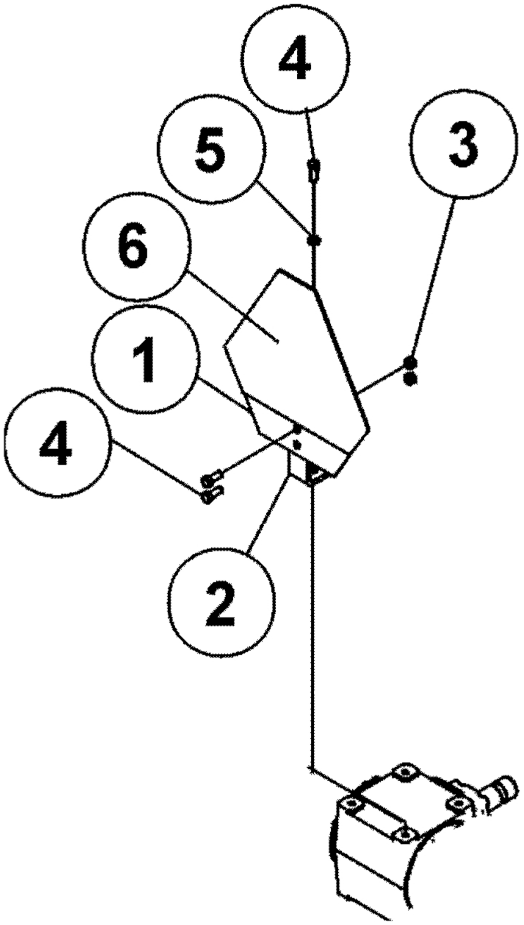
ITEM	PART NO.	QTY.	DESCRIPTION
1	00763236	2	WLDMT SHIELD BRACKET RH
2	00763237	2	WLDMT SHIELD BRACKET LH
3	00761342	1	WLDMT-SHIELD
4	00762837	2	BUSHING-SPACER
5	5F8130	2	1/2 NC WING NUT
6	00002700	2	FLATWASHER 1/2 PL STD
7	00765898	2	HEXB METRIC 10-P1.5 - 60MM PL5
8	00012101	4	LOCKWASHER 3/8 PL
9	00011100	4	FLATWASHER STD 3/8
10	00758659	2	HEXB METRIC 10-P1.5 - 32MM PL5

SKID SHOE ASSEMBLY



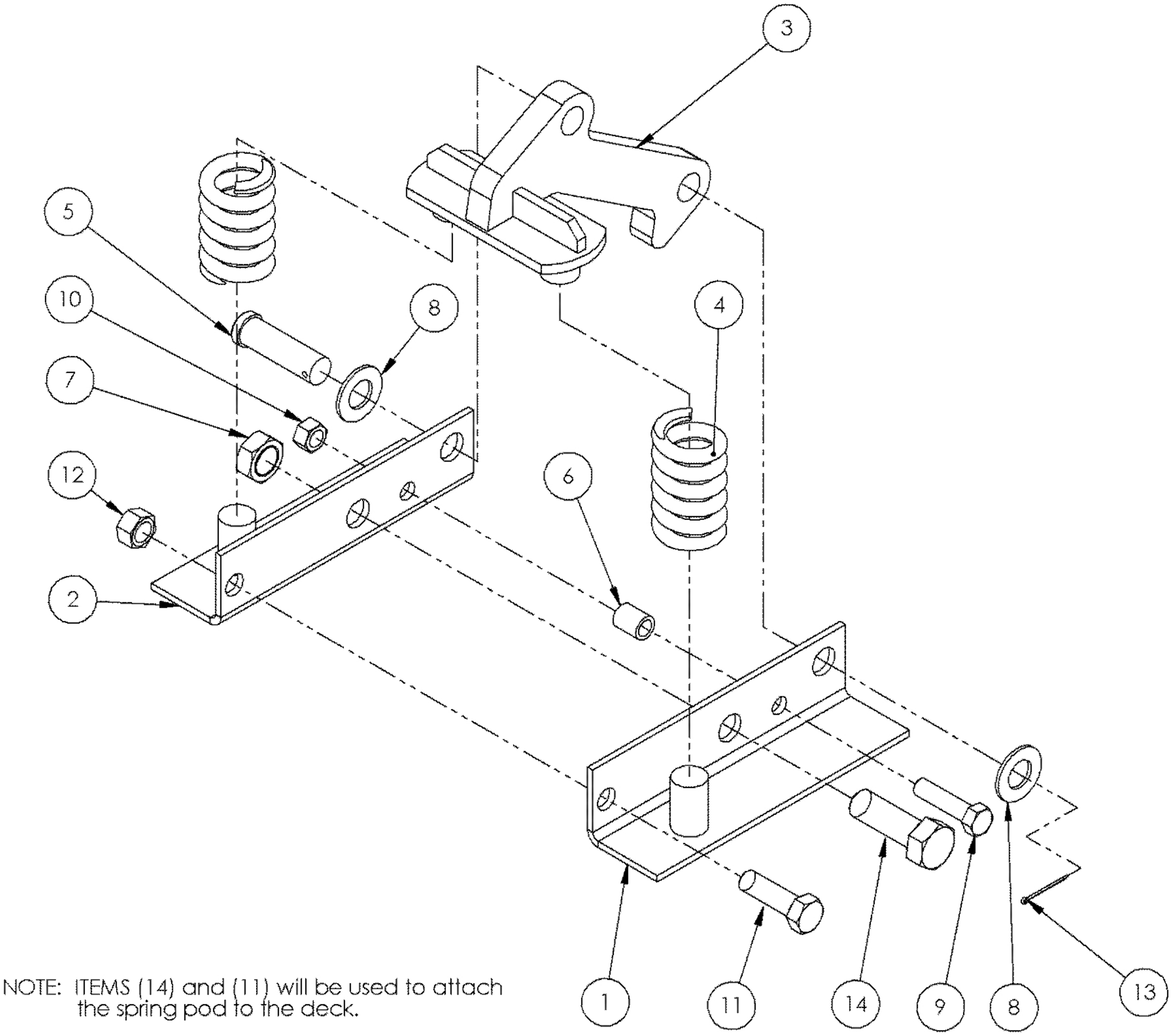
ITEM	PART NO.	QTY.	DESCRIPTION
1	00776618	2	SKID SHOE
2	2A361612	6	PLOW BOLT
3	00011100	6	FLATWASHER
4	00015800	6	NUT

SMV SIGN ASSEMBLY



ITEM	PART NO.	QTY.	DESCRIPTION
1	00778123	1	PLATE, SMV DECAL
2	00778576	1	SMV BRACKET
3	00001800	1	LOCKNUT TLM 1/2 NC PLB
4	02030700	2	HHCS 1/2-13UNC 1-1/4 PL5
5	00001300	1	LOCKWASHER 1/2 PL STD
6	03200347	1	EMBLEM, SMV

SPRING POD ASSEMBLY - OPTIONAL



NOTE: ITEMS (14) and (11) will be used to attach the spring pod to the deck.

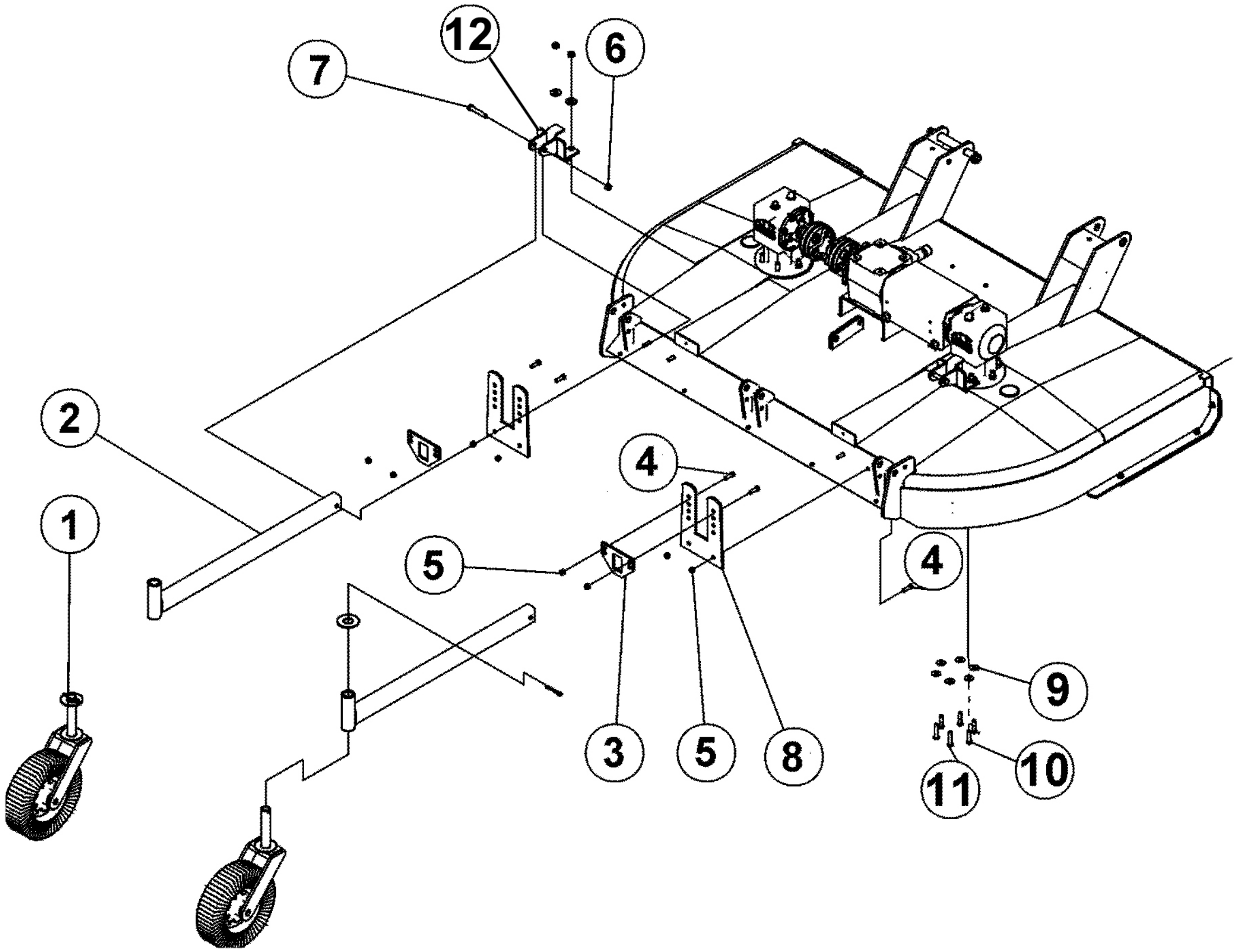
ITEM	PART NO.	QTY.	DESCRIPTION
	00778158	1	SPRING POD ASSEMBLY
1	00778154	1	SPRING POD BASE LH.
2	00778155	1	SPRING POD BASE RH.
3	00759190	1	SPRING SHOCK WELDMENT
4	371063A	2	SPRING
5	8354	1	PIN
6	00761199	1	SPACER TUBE
7	02030300	1	LOCKNUT TLM 1" NC PLB
8	02822500	2	FLAT WASHER 1 PL STD
9	00750952	1	BOLT 5/8 X 2 1/2 NC GR5 PL

SPRING POD ASSEMBLY - OPTIONAL

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
10	00695100	1	TOPLOCK NUT, 5/8 NC
11	00037100	1	BOLT 3/4 NC X 2-1/2" PL5
12	00037200	1	LOCKNUT 3/4 NC PLB
13	00606000	1	COTTER PIN 3/16 X 2"
14	7A16824	1	BOLT 1 NC X 3" PL5

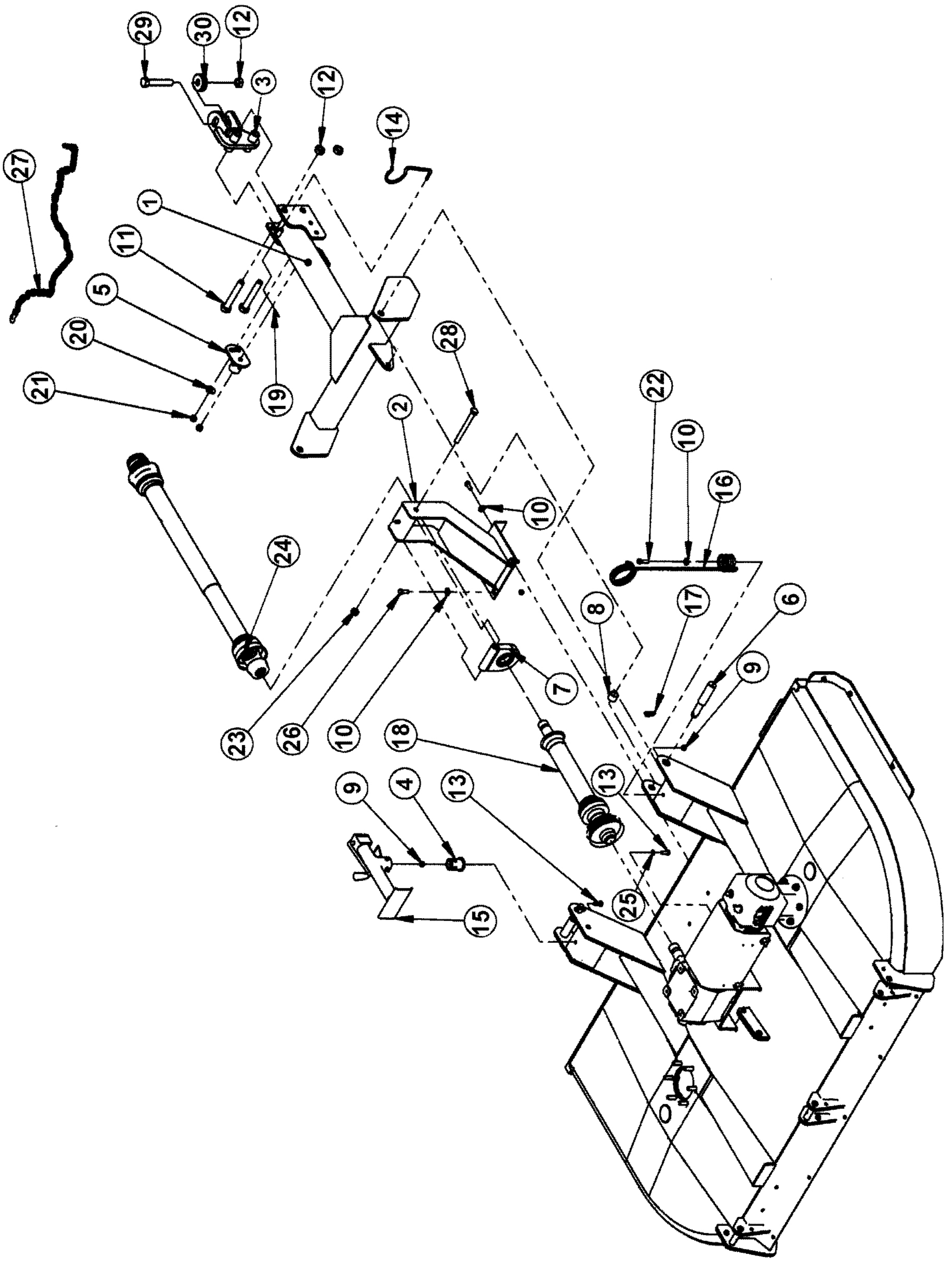
TAILWHEEL ASSEMBLY



ITEM	PART NO.	QTY.	DESCRIPTION
1	00776220	2	ASSY CASTER FORK & WHEEL
2	00761466	2	WLDMT-TW BEAM
3	702302R	2	BRACKET
4	00748823	10	HHCS 1/2-13UNC 1-1/2 PL5
5	00001800	10	LOCKNUT TLM 1/2 NC PLB
6	00695100	2	LOCKNUT TOPLOCK 5/8NC PLB
7	00750311	2	HEXB,5/8NC X 3-1/2,ZP,GRD5
8	00778652	2	SUPPORT,BEAM
9	00756077	16	WASHER,5/8 HARDENED
10	00750952	8	HEXB,5/8NC X 2-1/2,ZP,GRD5
11	02845600	4	HEXB 5/8 NC 3 PL5
12	00778609	2	CASTER ARM MOUNT WELDMENT

THIS PAGE INTENTIONAL LEFT BLANK

TONGUE ASSEMBLY

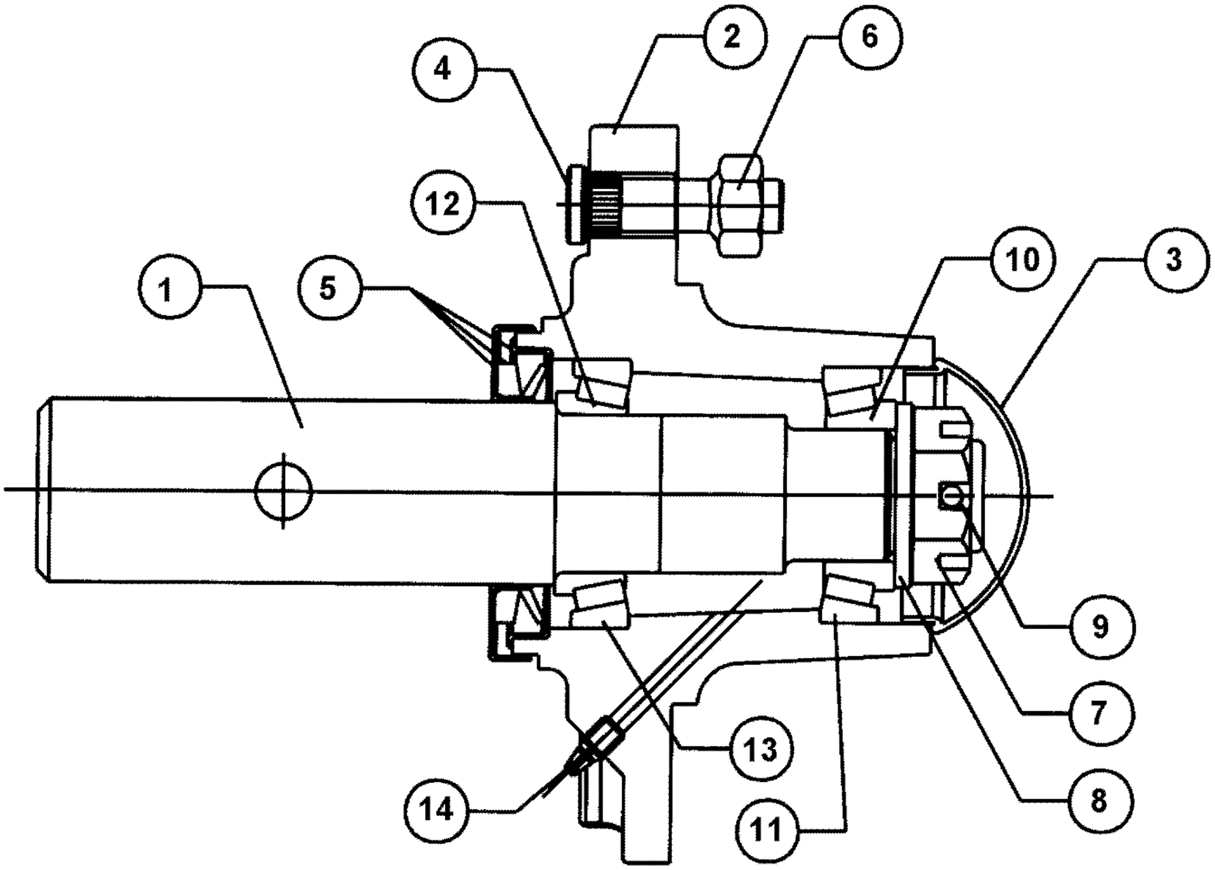

29
30
12
3
12
14
27
1
11
5
20
21
19
28
2
10
24
22
10
16
8
17
6
9
7
23
26
10
18
13
9
4
13
25
15

TONGUE ASSEMBLY

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	00777459	1	TONGUE WELDMENT
2	00778581	1	CARRIER MOUNT WELDMENT
3	00778053	1	CLEVIS WELDMENT
4	00778524	1	WELDMENT JACK MOUNT TUBE
5	00760941	1	WLDMT-JACK TUBE MOUNT
6	00758146	2	PIN, TONGUE PIVOT
7	00775006A	1	ASSEMBLY JACKSHAFT BEARING
8	00761890	2	BUSHING 1.5 ODX1.14IDX1-3/16LG
9	00001800	9	LOCKNUT TLM 1/2 NC PLB
10	00002700	6	FLATWASHER 1/2 PL STD
11	00754107	2	BOLT 1 - 8UNC X 6-1/2 PL8
12	02030300	3	NUT TOPLOCK 1 NC PLB
13	02030700	11	HHCS 1/2-13UNC 1-1/4 PL5
14	1431565	1	SHAFT,PTO IID TRANSPORT SUPPRT
15	00772391	1	JACK, PARKING 3000LB SIDEWIND
16	02965484	1	HOSE BRKT,SPRING BASE
17	2196	2	CLIP (LYNCH PIN), 13/32 DIA.
18	00778221	1	DRIVELINE ZW1340 JACKSHAFT
19	40010000	1	PIN COTTER 1/8 X1
20	00756077	13	WASHER,5/8 HARDENED
21	00695100	14	LOCKNUT TOPLOCK 5/8NC PLB
22	00749130	1	HHCS 1/2-13UNC 1-3/4 PL5
23	00037200	1	NUT 3/4-NC TOPLOCK GRC PL
24	00778130	1	DRIVELINE PULL 540
25	00001300	7	LOCKWASHER 1/2 PL STD
26	00748823	2	HHCS 1/2-13UNC 1-1/2 PL5
27	00764515	1	CHAIN, SAFETY TOW-6000# CAP.
28	02969269	1	SHCS 3/4 NC 7-1/2 PL8
29	00755076	1	HHCS 1 NC 5-1/2 GR8
30	00759275	3	WASHER, HITCH CLEVIS

WHEEL HUB ASSEMBLY



ITEM	PART NO.	QTY.	DESCRIPTION
	00775616A	1	COMPLETE HUB & SPINDLE ASSY.
1	00774821	1	SPINDLE
2	00756000	1	WHEEL HUB CASTING
3	00756492	1	DUST CAP
4	00756488	5	STUD BOLT 1/2" -20 UNF
5	00778108	1	SEAL KIT
6	00756014	5	WHEEL NUT 1/2"-20 UNF
7	00756490	1	BEARING ADJUSTING NUT 1"-14UNS
8	00756793	1	WASHER 1"
9	00026200	1	COTER PIN 1/8" X 2-3/8" LNG
10	00750434	1	BEARING CONE INSIDE
11	00756576	1	BEARING CUP OUTSIDE
12	0371242102	1	BEARING CONE INSIDE
13	00756577	1	BEARING CUP OUTSIDE
14	00003500	1	GREASE FITTING

RX96 (09-07) Rev 04-11

TO THE OWNER/OPERATOR/DEALER

To keep your implement running efficiently and safely, read your manuals thoroughly and follow these directions and the Safety Messages in this Manual. The Table of Contents clearly identifies each section where you can easily find the information you need.

The OCCUPATIONAL SAFETY AND HEALTH ACT (1928.51 Subpart C) makes these minimum safety requirements of tractor operators:

REQUIRED OF THE OWNER

1. Provide a Roll-Over-Protective Structure that meets the requirements of this standard.
2. Provide seat belts that meet the requirements of this paragraph of this standard and SAE J4C.
3. Ensure that each employee uses such seat belt while the tractor is moving.
4. Ensure that each employee tightens the seat belt sufficiently to confine the employee to the protected area provided by the ROPS.

REQUIRED OF THE OPERATOR

1. Securely fasten seat belt if the tractor has a ROPS.
2. Where possible, avoid operating the tractor near ditches, embankments, and holes.
3. Reduce speed when turning, crossing slopes, and on rough, slick, or muddy surfaces.
4. Stay off slopes too steep for safe operation.
5. Watch where you are going, especially at row ends, on roads, and around trees.
6. Do not permit others to ride.
7. Operate the tractor smoothly, no jerky turns, starts, or stops.
8. Hitch only to the draw bar and hitch points recommended by the tractor manufacturer.
9. When the tractor is stopped, set brakes securely and use park lock, if available.

☑ **Keep children away from danger all day, every day...**

☑ **Equip tractors with rollover protection (ROPS) and keep all machinery guards in place...**

☑ **Please work, drive, play and live each day with care and concern for your safety and that of your family and fellow citizens.**

ALAMO INDUSTRIAL
Limited Warranty

1. Limited Warranties

1.01. Alamo industrial warrants for one year from the purchase date to the original non-commercial, governmental, or municipal purchaser ("purchaser") and warrants for six months to the original commercial or industrial purchaser ("purchaser") that the goods purchased are free from defects in material or workmanship.

1.02. Manufacturer will replace for the purchaser any part or parts found, upon examination at one of its factories, to be defective under normal use and service due to defects in material or workmanship.

1.03. This limited warranty does not apply to any part of the goods which has been subjected to improper or abnormal use, negligence, alteration, modification, or accident, damaged due to lack of maintenance or use of wrong fuel, oil, or lubricants, or which has served its normal life. This limited warranty does not apply to any part of any internal combustion engine, or expendable items such as blades, shields, guards, or pneumatic tires except as specifically found in your operator's manual.

1.04. Except as provided herein, no employee, agent, dealer, or other person is authorized to give any warranties of any nature on behalf of manufacturer.

2. Remedies And Procedures

2.01. This limited warranty is not effective unless the purchaser returns the registration and warranty form to manufacturer within 30 days of purchase.

2.02. Purchaser claims must be made in writing to the authorized dealer ("dealer") from whom purchaser purchased the goods or an approved authorized dealer ("dealer") within 30 days after purchaser learns of the facts on which the claim is based.

2.03. Purchaser is responsible for returning the goods in question to the dealer.

2.04. If after examining the goods and/or parts in question, manufacturer finds them to be defective under normal use and service due to defects in material or workmanship, manufacturer will:
(A) repair or replace the defective goods or part(s) or
(B) reimburse purchaser for the cost of the part(s) and reasonable labor charges (as determined by manufacturer) if purchaser paid for the repair and/or replacement prior to the final determination of applicability of the warranty by manufacturer. The choice of remedy shall belong to manufacturer.

2.05. Purchaser is responsible for any labor charges exceeding a reasonable amount as determined by manufacturer and for returning the goods to the dealer, whether or not the claim is approved. Purchaser is responsible for the transportation cost for the goods or part(s) from the dealer to the designated factory.

3. Limitation Of Liability

3.01. Manufacturer disclaims any express (except as set forth herein) and implied warranties with respect to the goods including, but not limited to, merchantability and fitness for a particular purpose.

3.02. Manufacturer makes no warranty as to the design, capability, capacity, or suitability for use of the goods.

3.03. Except as provided herein, manufacturer shall have no liability or responsibility to purchaser or any other person or entity with respect to any liability, loss, or damage caused or alleged to be caused directly or indirectly by the goods including, but not limited to, any indirect, special, consequential, or incidental damages resulting from the use or operation of the goods or any breach of this warranty. Not withstanding the above limitations and warranties, manufacturer's liability hereunder for damages incurred by purchaser or others shall not exceed the price of the goods.

3.04. No action arising out of any claimed breach of this warranty or transactions under this warranty may be brought more than two (2) years after the cause of action has occurred.

4. Miscellaneous

4.01. Proper venue for any lawsuits arising from or related to this limited warranty shall be only in Guadalupe county, Texas.

4.02. Manufacturer may waive compliance with any of the terms of this limited warranty, but no waiver of any terms shall be deemed to be a waiver of any other term.

4.03. If any provision of this limited warranty shall violate any applicable law and is held to be unenforceable, then the invalidity of such provision shall not invalidate any other provisions herein.

4.04. Applicable law may provide rights and benefits to purchaser in addition to those provided herein.

Keep for your records

Attention: Purchaser should fill in the blanks below for his reference when buying repair parts and/or for proper machine identification when applying for warranty.

Alamo Industrial Implement Model ____________________________ Serial Number ________________________________
Date Purchased ____ Dealer ______________________________________

Attention:
Read your operator's manual

ALAMO INDUSTRIAL
1502 E. Walnut
Seguin, Texas 78155
830-379-1480